

FILE NOTATIONS

Entered in NID File
 Location Map Pinned
 Card Indexed

Checked by Chief *PMB*
 Approval Letter *8-20-68*
 Disapproval Letter

COMPLETION DATA:

Date Well Completed *12-22-68*
 OW..... WW..... TA.....
 GW..... OS..... PA.....

Location Inspected
 Bond released
 State or Fee Land

LOGS FILED

Driller's Log *2-6-69*
 Electric Logs (No.) *5*
 E..... I..... Dual I Lat. *✓* GR-N..... Micro.....
 BHC Sonic GR. *✓* Lat..... Mi-L..... Sonic.....
 CBLog..... CCLog..... Others. *Compressional Amplitude*
Variable Density - Shear Amplitude

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

b. TYPE OF WELL

OIL
WELL ☒GAS
WELL ☒

OTHER

SINGLE
ZONE ☐MULTIPLE
ZONE ☒

2. NAME OF OPERATOR

Chevron Oil Company, Western Division

3. ADDRESS OF OPERATOR

P. O. Box 433, Vernal, Utah 84078

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*

At surface

1320' F.M. and 1445' F.M. of Section 11, T1S, R2W, USNM

At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

Approximately 5 miles west & south of Hiale, Utah

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drig. unit line, if any)

16. NO. OF ACRES IN LEASE

40

17. NO. OF ACRES ASSIGNED
TO THIS WELL

140

18. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

19. PROPOSED DEPTH

± 10,600'

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

Ungraded Ground - 3921'

22. APPROX. DATE WORK WILL START*

August 26, 1968

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
15"	10 3/4"	40.50	± 300'	To Surface
8 3/4"	7"	230,260 & 290	TD	Sufficient to cover all producing zones & significant water sands.

It is proposed to drill a Development well for oil or gas in the Middle
and/or Lower Green River formation.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. Original Signed by
H. W. PATTERSON
SIGNED _____ TITLE Unit Superintendent DATE 8/19/68
R. W. PATTERSON
(This space for Federal or State office use)

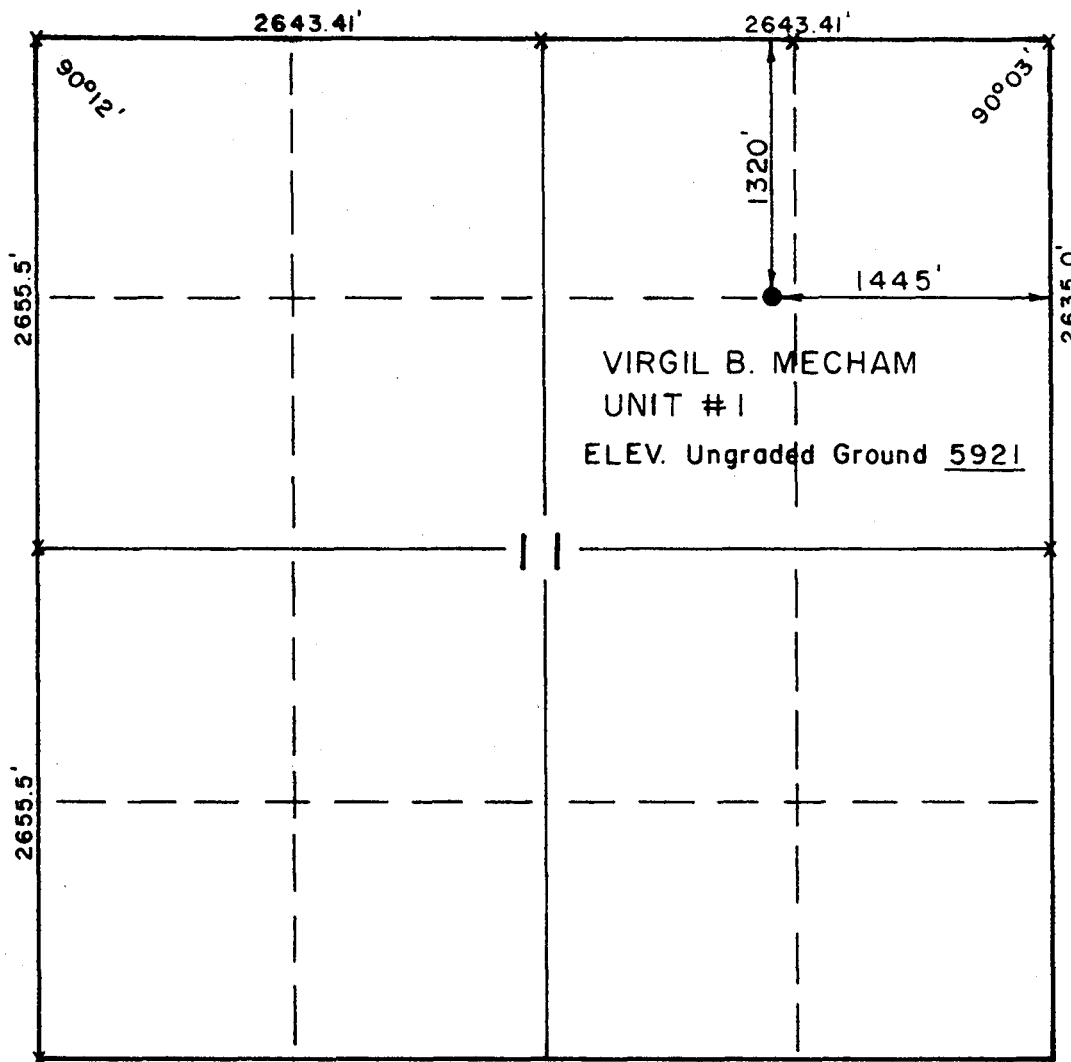
PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

USGS, SLC-4; O&GCC, SLC-2; Humble, Denver-1; Well File-1

T1S, R2W, USB&M



X= Corners Found or Re-established

Distances shown were measured

PROJECT

CHEVRON OIL COMPANY

WELL LOCATION AS SHOWN IN THE
NE 1/4, SECTION II, T1S, R2W, USB&M.
DUCHESE COUNTY, UTAH.

BM is aluminum cap set at center of NE 1/4
ELEV. 5920.6



CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM
FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY
SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE
BEST OF MY KNOWLEDGE AND BELIEF.

[Signature]
REGISTERED LAND SURVEYOR
REGISTRATION NO 2454
STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING
P. O. BOX Q - 110 EAST - FIRST SOUTH
VERNAL, UTAH - 84078

SCALE 1" = 1000'	DATE 11 July, 1968
PARTY NJM-DH-RM	REFERENCES GLO Field Notes & Plat
WEATHER Cloudy & Warm	FILE CHEVRON



OIL & GAS CONSERVATION BOARD

DELBERT M. DRAPER, JR.
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CHIEF PETROLEUM ENGINEER

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL & GAS CONSERVATION

1588 WEST NORTH TEMPLE
SALT LAKE CITY, UTAH 84116
328-5771

August 20, 1968

Chevron Oil Company,
Western Division
P. O. Box 455
Vernal, Utah 84078

Re: Well No. W. H. Blanchard Unit #1,
(2-3C), Sec. 3, T. 1 S., R. 2 W.,
Well No. Virgil B. Mecham #1,
(3-11C), Sec. 11, T. 1 S., R. 2 W.,
Duchesne County, Utah.

Gentlemen:

Insofar as this office is concerned, approval to drill the above mentioned wells is hereby granted in accordance with the Temporary Order issued in Cause No. 131-1 on March 13, 1968.

Should you determine that it will be necessary to plug and abandon these wells, you are hereby requested to immediately notify Paul W. Burchell, Chief Petroleum Engineer, home; 277-2890 - Salt Lake City, Utah, office; 328-5771.

This approval terminates within 90 days if the well has not been spudded-in within said period.

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered while drilling. Your co-operation with respect to completing this form will be greatly appreciated.

Chevron Oil Company

August 20, 1968

-2-

The API numbers assigned to these wells are as follows:

W. H. Blanchard Unit #1 (2-3C) 43-013-30008

Virgil B. Mecham #1 (3-11C) 43-013-30009

Very truly yours,

DIVISION OF OIL & GAS CONSERVATION

Cleon B. Feight

CLEON B. FEIGHT
DIRECTOR

CBF:sc

Enclosures: Form OGC-8-X

Form OGCC 4

STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION
Salt Lake City 14, Utah

REPORT OF OPERATIONS AND WELL STATUS REPORT

State Utah County Duchesne Field or Lease Bluebell Field

The following is a correct report of operations and production (including drilling and producing wells) for

August, 1968

Agent's address P. O. Box 455 Company Chevron Oil Co., Western Div.

Vernal, Utah

Signed R. W. PATTERSON

Phone 789-2442

Agent's title Unit Superintendent

State Lease No. _____ Federal Lease No. _____ Indian Lease No. _____ Fee & Pat. XX

Sec. & ¼ of ¼	Twp.	Range	Well No.	*Status	Oil Bbls.	Water Bbls.	Gas MCF's	REMARKS (If drilling, Depth; if shut down, Cause; Date & Results of Water Shut-Off Test; Contents of Gas; and Gas-Oil Ratio Test)
ox. c. SE¼ 2	1S	2W	Fay Mecham Unit #1 (4-2C)					
			<u>Present Status</u>					No. of Days Produced
			Total Depth: 11,150' PBTB 10,520' Casing: Same as for June, 1968					
y & ast	1S	2W	<u>Operations Conducted</u>					
			<p>Moved in completion rig 6-24-68. Set CIBP at 10,520'. Landed 2 7/8" tubing at 10,292'. Schl. perforated at 10,395½-10,415½ w/ 2 alum. jets/ft. Acidized w/ 1000 gal MCA w/ 1½ gal LP-53 and 1 gal inhibitor. Flowed and tested well. Set CIBP at 10,391½'. Perforated w/ 2 hyperjets at 10,370'. Acidized w/ 300 gal 15% HCl and brokedown. Cement squeezed w/ 150 sacks 50/50 Pozmix containing 2% gel and 6/10 of 1% Halad. Drilled out and found all perfs squeezed off. Reperforated intervals 10,401-10,405 and 10,414-10,418 w/ 2 hyperjets/ft. Swab tested well. Spotted 500 gal 5% MCA. Swab tested well. Perforated at 10,484 and 10,488 w/ 2 alum. jets and 2 crack jets. Cement squeezed perfs 10,484 and 10,488 w/ 150 sacks 50/50 Pozmix containing 2% gel and 6/10 of 1% Halad 9. Spotted 275 gal of 15% HCl. Perforated at 10,439 to 10,453 w/ 4 alum. and 4 crack jets per foot and brokedown. Swab tested perfs 10,401-10,405, 10,414-10,418 and 10,439-10,453. Cement squeezed perfs 10,401-10,405, 10,414-10,418 and 10,439-10,453 w/ 50 sacks 50/50 Pozmix containing 2% gel and 6/10 of 1% Halad 9.</p> <p>Reperforated at 10,440-10,451 w/ 2 hyperjets per foot and brokedown. Swab tested perfs 10,440-10,451. Spotted 275 gal of 5% MCA. Swab tested perfs 10,440-10,451. Spotted 500 gal of 15% HCl. Swab tested perfs. Spotted 1000 gals of 5% MCA. Continue to swab test perfs 10,440-10,451. Flowed and tested well to battery. Reperforated intervals 10,395-10,407 and 10,413-10,418 w/ 2 hyperjets per foot. Acidized perfs 10,440-10,451 w/ 1500 gal 5% MCA containing 1½ gal/1000 LP-53 and inhibitor. Acidized interval 10,395-10,407 and 10,413-10,418 w/ 1000 gal 5% MCA containing 1½ gal/1000 LP-53 and inhibitor. RIH w/ production string tubing and landed at 10,295.89'. Swabbed intervals 10,395-10,407, 10,413-10,418 and 10,440-10,451 until well started flowing. Turned well to battery. Released completion rig 8-16-68.</p>					
ox. c. NE¼ 10 3883	1S	2W	Chevron et al State Unit #1 (3-10C)					
			<u>Present Status</u>					
			Total Depth: 11,115' PBTB: 11,046' Casing: Same as for June, 1968, plus 7", 23, 26 & 29", N-80 cemented at 11,114.50'					

Note: There were _____ runs or sales of oil; _____ M cu. ft. of gas sold; _____ runs or sales of gasoline during the month.

NOTE: Report on this form as provided for in Rule C-22. (See back of form.)

FILE IN DUPLICATE

*STATUS: F-Flowing P-Pumping GL-Gas Lift
SI-Shut In D-Dead
GI-Gas Injection TA-Temp. Aban.
WI-Water Injection

STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION
Salt Lake City 14, Utah

REPORT OF OPERATIONS AND WELL STATUS REPORT

State Utah County Duchesne Field or Lease Bluebell Field

The following is a correct report of operations and production (including drilling and producing wells) for August 1968

Agent's address P. O. Box 455 Company Chevron Oil Co., Western Div.

Signed R. W. PATTERSON

Phone 789-2442 Agent's title Unit Superintendent

State Lease No. Federal Lease No. Indian Lease No. Fee & Pat. ☒

Sec. & ¼ of ¼	Twp.	Range	Well No.	*Status	Oil Bbls.	Water Bbls.	Gas MCF's	REMARKS (If drilling, Depth; if shut down, Cause; Date & Results of Water Shut-Off Test; Contents of Gas; and Gas-Oil Ratio Test)
			Casing:	Continued				No. of Days Produced
			w/ 150 sacks 50/50 Pozmix w/ 2% gel, 10% salt and 1% Halad 9 on first stage. 800 sacks 50/50 Pozmix w/ 2% gel, 10% salt, 1% CFR-2 on second stage. The first 200 sacks contained 1/4#/sack of Flocele. 250 sacks Halliburton light cement on third stage.					
			Operations Conducted					
			Drilled 8 3/4" hole to 11,007'. Ran DST #6 (10,985-11,007). 90 min test. NCTS. Rec. 1692' gas cut water cushion, 657' hvly gas cut oil and 230' hvly mud and gas cut oil. Pressures: IH-5652, IF 0-352, ISI 5083, FF 414-1055, FSI 3714, FH 5652. Drilled 8 3/4" hole to 11,100'. Ran DST #7 (11,055-11,100'). 60 min test. On final flow gas to surface in 33 min. TSTM. Rec. 1880' oil and gas cut water cushion and 6440' gas cut oil. Pressures: IH 5896, IF 452-1506, ISI 5124, FF 1609-2775, FSI 3979, FH 5896. Drilled 8 3/4" hole to 11,115' TD. Schl. ran Dual Induction Lateralog, BHC Sonic, Gamma Ray Caliper, Shear Amplitude, Compressional Amplitude and Variable Density logs. Cemented 7", 23, 26 and 29#, N-80 casing at 11,114.50' w/ 150 sacks 50/50 Pozmix w/ 2% gel, 10% salt and 1% Halad 9 on first stage. 800 sacks 50/50 Pozmix w/ 2% gel, 10% salt and 1% CFR-2 on second stage. The first 200 sacks contained 1/4#/sack of Flocele. 250 sacks of Halliburton light cement on third stage. WOC. Schl. ran GR-CGL-CCL and Variable Density log. Perforated interval 10,313-10,332; 10,342-10,349; 10,359-10,375' 10,385-10,398; 10,408-10,431 and 10,441-10,460' w/ 2 hyperjets/ft in 4 runs. Ran 2 7/8", 6.5#, N-80 tubing and landed at 10,219.28'. Brokedown and acidized perfs 10,313-10,460 w/ 1000 gal 5% HCl w/ 2 gal/1000 M-38 (clay shrinker), 2 gal/1000 I-37 (scale preventative) and 4 gal/1000 A-110 inhibitor; 150 - 7/8" RCN Balls and 214 bbls. fresh water. Rig released 9:00 AM 8-18-68.					
ox. . SW ¼ 2	1S	2W	Clyde Murray Unit #1	(2-2C)				
			Present Status					
			Total Depth: 10,545'	PBTD: 10,532'				
			Casing: Same as for June, 1968, plus 7", 23, 26 & 29# N-80 cemented at 10,542' w/ 50 sacks 50/50 Pozmix containing 2% gel, 10% salt and 1% Halad 9 on first stage. 800 sacks 50/50 Pozmix containing 2% gel, 10% salt, 1% CFR-2 and 1/4#/sack of Flocele for first 200 sacks on second stage.					

Note: There were _____ runs or sales of oil; _____ M cu. ft. of gas sold; _____ runs or sales of gasoline during the month.

NOTE: Report on this form as provided for in Rule C-22. (See back of form.)

FILE IN DUPLICATE

*STATUS: F-Flowing P-Pumping GL-Gas Lift
SI-Shut In D-Dead
GI-Gas Injection TA-Temp. Aban.
WI-Water Injection

Form OGCC 4

STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION

Salt Lake City 14, Utah

REPORT OF OPERATIONS AND WELL STATUS REPORT

State Utah County Duchesne Field or Lease Bluebell Field

The following is a correct report of operations and production (including drilling and producing wells) for

August, 19 68

Agent's address P. O. Box 455

Company Chevron Oil Co., Western Div.

Vernal, Utah 84078

Signed R. W. PATTERSON

Phone 789-2442

Agent's title Unit Superintendent

State Lease No. _____ Federal Lease No. _____ Indian Lease No. _____ Fee & Pat. ☒

Sec. & 1/4 of 1/4	Twp.	Range	Well No.	*Status	Oil Bbls.	Water Bbls.	Gas MCF's	REMARKS (If drilling, Depth; if shut down, Cause; Date & Results of Water Shut-Off Test; Contents of Gas; and Gas-Oil Ratio Test)
<u>Operations Conducted</u>								No. of Days Produces
<p>Drilled 8 3/4" hole to 10,390'. Ran DST #4 (10,349-10,390'). 60 min test. NGTS. Rec. 1255' gas cut water cushion and 230' gas cut oil - no water. Pressures: IH 5317, IF 0-171, ISI 3661, FF 171-577, FSI 4019, FH 5296'. Drilled 8 3/4" hole to 10,431. Ran DST #5 (10,389-10,431'). 60 min test. T O dead, increased to strong blow in 5 min. GTS in 27 min at 10 MCFD. Rec. 1286' gas cut water cushion, 5451' gas cut oil and 539' mud. Pressures: IH 5358, IF 349-1229, ISI 3903, FF 1269-2445, FSI 3802, FH 5318. Drilled 8 3/4" hole to 10,467'. Ran DST #6 (10,430-10,467'). 60 min test. GTS in 11 min estimated at 10 MCFD. Rec. 18 bbls. water cushion, 83 bbls oil and 4 bbls mud. Pressures: IH 5479, IF 657-1675, ISI 4510, FF 1797-3538, FSI 4469, FH 5479. Drilled 8 3/4" hole to 10,516'. Ran DST #7 (10,465-10,516'). 60 min test. GTS in 17 min. Rec. 18 bbls gas cut water cushion and 92 bbls gas cut green oil. Pressures: IH 5459, IF 205-1716, ISI 4773, FF 1777-3518, FSI 4733, FH 5459. Drilled 8 3/4" hole to 10,545'. Ran DST #8 (10,515-10,545'). 60 min test. T O dead and remained dead. Rec. 1473' water cushion and 10' mud. Pressures: IH 5499, IF 0-20, ISI 123, FF 20-41, FSI 144, FH 5499. Sch. ran Dual Induction Laterlog, Variable Density log. BHC Sonic log - Gamma Ray, Shear Amplitude and Compressional Amplitude logs. Cemented 7", 23, 26 and 29# N-80 casing at 10,542' w/ 50 sacks 50/50 Pozmix containing 2% gel, 10% salt and 1% Halad 9 on first stage. 800 sacks 50/50 Pozmix containing 2% gel, 10% salt, 1% CFR-2 and 1/4 #/sack Flocale for first 200 sacks on second stage. Released drilling rig at 12:00 Noon 8-12-68. Moved in completion rig 8-18-68. Drilled out to 10,532'. Ran Gamma Ray FDC log and CEL. Perforated w/ 2 hyperjets/ft at 10,346-10,366; 10,379-10,389; 10,406-10,426; 10,436-10,446; 10,456-10,472 and 10,480-10,500. Ran 2 7/8" 6.5#, N-80 tubing and landed at 10,233.54'. Brokedown perforations and acidized w/ 700 gal 5% MCA and 150 RCN Balls. Swabbed well in. Released completion rig 8-24-68.</p>								
<u>Present Status</u>								
<p>Total Depth: 1200' Casing: 10 3/4", 40.5#, K-55 casing cemented at 523.69' w/ 400 sacks 50/50 Pozmix containing 2% gel and 2% CaCl₂ w/ the first 200 sacks containing 1/4 #/sack Cello Plate followed by 100 sacks Type G cement w/ 3% CaCl₂.</p>								
<u>Operations Conducted</u>								
<p>Moved in Brinkerhoff Drilling Company Rig #17 and spudded at 10:30 PM 8-27-68. Set 18" conductor pipe at 46' KB w/ 75 sacks Reg. cement w/ 3% CaCl₂. Drilled 8 3/4" hole</p>								

Note: There were _____ runs or sales of oil; _____ M cu. ft. of gas sold; _____ runs or sales of gasoline during the month.

NOTE: Report on this form as provided for in Rule C-22. (See back of form.)

FILE IN DUPLICATE

*STATUS: F-Flowing P-Pumping GL-Gas Lift
SI-Shut In D-Dead
GI-Gas Injection TA-Temp. Aban.
WI-Water Injection

STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION
Salt Lake City 14, Utah

REPORT OF OPERATIONS AND WELL STATUS REPORT

State Utah County Duchesne Field or Lease Bluebell Field

The following is a correct report of operations and production (including drilling and producing wells) for
August, 1968.

Agent's address P. O. Box 455 Company Chevron Oil Co., Western Div.
Vernal, Utah Signed R. W. PATTERSON
Phone 789-2442 Agent's title Unit Superintendent

State Lease No. Federal Lease No. Indian Lease No. Fee & Pat. ☒

Sec. & 1/4 of 1/4	Twp.	Range	Well No.	*Status	Oil Bbls.	Water Bbls.	Gas MCF's	REMARKS (If drilling, Depth; if shut down, Cause; Date & Results of Water Shut-Off Test; Contents of Gas; and Gas-Oil Ratio Test)
								No. of Days Produced
Approx. Cent. SW 1/4 Sec. 3								to 1200'. Reamed out w/ 15" bit to 526'. Cemented 10 3/4", 40.5#, K-55 casing at 523.69' w/ 400 sacks 50/50 Pozmix containing 2% gel and 2% CaCl ₂ w/ the first 200 sacks containing 1/4 #/sack Cello Flake followed by 100 sacks Type G cement w/ 3% CaCl ₂ . WOC.
	1S	2W	W. H. Blanchard Unit #1 (2-3C)					
			Total Depth: 6386'					
								Casing: 10 3/4", 40.5#, K-55 casing cemented at 515.75' w/ 500 sacks 50/50 Pozmix containing 2% gel and 2% CaCl ₂ w/ the first 200 sacks containing 1/4 #/sack Cello Flake followed by 100 sacks Type G cement containing 3% CaCl ₂ .
								<u>Operations Conducted</u>
								Moved in Signal Drilling Company Rig #5 and spudded at 11:00 AM 8-19-68. Drilled 8 3/4" hole to 1198'. Reamed out with 15" bit to 520'. Cemented 10 3/4", 40.5#, K-55 casing at 515.75' w/ 500 sacks 50/50 Pozmix containing 2% gel and 2% CaCl ₂ w/ the first 200 sacks containing 1/4 #/sack Cello Flake followed by 100 sacks Type G cement with 3% CaCl ₂ . Drilled 8 3/4" hole to 6386'.

Note: There were _____ runs or sales of oil; _____ M cu. ft. of gas sold; _____ runs or sales of gasoline during the month.

NOTE: Report on this form as provided for in Rule C-22. (See back of form.)

FILE IN DUPLICATE

*STATUS: F-Flowing P-Pumping GL-Gas Lift
SI-Shut In D-Dead
GI-Gas Injection TA-Temp. Aban.
WI-Water Injection

Form OGCC 4

STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION
Salt Lake City 14, Utah

REPORT OF OPERATIONS AND WELL STATUS REPORT

State Utah County Duchesne Field or Lease Bluebell

The following is a correct report of operations and production (including drilling and producing wells) for
October, 1968

Agent's address P. O. Box 455
Vernal, Utah 84078
Phone 789-2442

Company Chevron Oil Co., Western Div.
Signed R. W. PATTERSON *R. W. Patterson*
Agent's title Unit Superintendent

State Lease No. _____ Federal Lease No. _____ Indian Lease No. _____ Fee & Pat. ☒

Approx.
Cent. NE $\frac{1}{4}$
Sec. 11

Sec. & ¼ of ¼	Twp.	Range	Well No.	*Status	Oil Bbls.	Water Bbls.	Gas MCF's	REMARKS (If drilling, Depth; if shut down, Cause; Date & Results of Water Shut-Off Test; Contents of Gas; and Gas-Oil Ratio Test)	
x. NE¼ 11	1S	2W	Virgil B. Mechem Unit #1 (3-11C)					No. of Days Produced	
<u>Present Status</u>									
Total Depth: 10,812'									
Casing: Same as August, 1968									
<u>Operations Conducted</u>									
Drilled 8 3/4" hole from 9265' to 10,310'. Cut Core #1 (10,310-10,344'). Cut 34' and rec 32'. Ran DST #1 (10,310-10,344'). 60 min test. NGTS. Rec 1085' water cushion and 130' drilling mud w/ light scum oil. Pressures: IH 5340, IF 42-63, ISI 126, FF 84-126, FSI 168, FH 5319. Cut Core #2 (10,344-10,404'). Cut and rec 60'. Ran DST #2 (10,344-10,404'). 60 min test. GTS in 29 minutes. Rec 1085' water cushion and 6891' oil in D.P. Pressures: IH 5319, IF 63-1341, ISI 4203, FF 1466-3249, FSI 3851, FH 5319. Cut Core #3 (10,404-10,435'). Cut 31' and rec 24'. Ran DST #3 (10,399-10,435'). 60 min test. GTS in 46 minutes. TSTM. Rec. 15.1 bbls sli oil cut water cushion, 10.6 bbls oil cut drlg mud and 17.2 bbls highly gas cut oil. Pressures: IH 5340, IF 84-882, ISI 3581, FF 882-1383, FSI 3664, FHH 5319. Cut Core #4 (10,435-10,459'). Cut 24' and rec 22½'. Ran DST #4 (10,426-10,459'). 60 min test. GTS in 17 minutes. Rec 15.4 bbls sli oil cut water cushion, 9 bbls highly gas cut oil and .6 bbls oil cut drlg mud. Pressures: IH 5353, IF 75-300, ISI 4148, FF 338-826, FSI 4148, FH 5316. Cut Core #5 (10,459-10,519'). Cut and rec 60'. Ran DST #5 (10,475-10,519'). 30 min test. GTS. Rec 15.1 bbls sli gas cut water cushion and 100 bbls highly gas cut oil. Pressures: IH 5391, IF 1532-3128, ISI 4371, FF 3165-3796, FSI 4371, FH 5372. Cut Core #6 (10,519-10,576'). Cut and rec 57'. Ran DST #6 (10,521-10,576'). 60 min test. GTS. Rec 16 bbls gas cut sli oil cut water cushion, 58 bbls highly gas cut oil and 17.9 bbls gas cut, sli oil cut water. Pressures: IH 5402, IF 252-1299, ISI 4720, FF 1362-2503, FSI 4658, FH 5381. Ran DST #7 (10,559-10,576'). 60 min test. NGTS. Rec 16 bbls sli oil and gas cut water cushion and 49.8 bbls gas cut formation water. Pressures: IH 5484, IF 84-1050, ISI 4720, FF 1050-1840, FSI 4720, FH 5443. Cut Core #7 (10,576-10,636'). Cut 60' and rec 56½'. Ran DST #8 (10,593-10,636). 45 min test. GTS in 25 minutes. Rec 15.2 bbls gas cut water cushion and 116 bbls very highly gas cut oil. Pressures: IH 5484, IF 1341-2710, ISI 4782, FF 2793-4079, FSI 4782, FHH 5484. Drilled 8 3/4" hole from 10,636 to 10,812'.									

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STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION
Salt Lake City 14, Utah

REPORT OF OPERATIONS AND WELL STATUS REPORT

State Utah County Duchesne Field or Lease Bluebell Field

The following is a correct report of operations and production (including drilling and producing wells) for November, 1968

Agent's address P. O. Box 455 Company Chevron Oil Co., Western Div.
Vernal, Utah 84078 Signed R. W. PATTERSON

Phone 789-2442 Agent's title Unit Superintendent

State Lease No. Federal Lease No. Indian Lease No. Fee & Pat. ☒

Sec. & ¼ of ¼	Twp.	Range	Well No.	*Status	Oil Bbls.	Water Bbls.	Gas MCF's	REMARKS (If drilling, Depth; if shut down, Cause; Date & Results of Water Shut-Off Test; Contents of Gas; and Gas-Oil Ratio Test)
Approx. Cent. NE¼ Sec. 11 14-20-462-887	1S	2W	Virgil B. Mecham Unit #1 (3-11C)					No. of Days Produced
<u>Present Status</u> Casing:								
Same as August, 1968, plus 7", 23, 26 & 29#, N-80 cemented at 11,177' w/ 100 sacks 50/50 Pozmix containing 10% salt, 1% Halad-9, 2% Gel and ¼#/sack Flosal, followed by 150 sacks 50/50 Pozmix containing 10% salt, 1% Halad-9 and 2% Gel on first stage. 100 sacks 50/50 Pozmix containing 10% salt, 2% Gel, .6% Halad-9 and ¼#/sack Flosal followed in by 475 sacks 50/50 Pozmix containing 10% salt, 2% Gel and .6% Halad-9, tailed in w/ 100 sacks Type G cement containing .6% Halad-9, 10% salt on second stage thru DV collar at 9958'.								
<u>Operations Conducted</u>								
Drilled 8 3/4" hole from 10,812' to 10,985'. Ran DST #9 (10,949-10,985) 60 min test. GTS in 15 mins, TSTM. Rec 40 bbls oil emulsified w/ 16 bbls very highly gas cut water cushion. Pressures: IH 5897, IF 210-1050, ISI 5381, FF 1071-1694, FSI 5216, FH 5897. Drilled 8 3/4" hole to 11,177'. Ran DST #10 (11,115-11,177'). 60 min test. NGTS. Rec 1128' water cushion and 115' slt oil cut drlg mud. Pressures: IH 5938, IF 21-42, ISI 1029, FF 63-147, FSI 5938, FHH 5938. Schl. ran Dual Induction-Laterlog-Variable Density-Shear Amplitude-Compressional Amplitude-Borehole Compensated Sonic Log-Gamma Ray w/ Caliper logs. Cemented 7", 23, 26 & 29#, N-80 casing at 11,177' w/ 100 sacks 50/50 Pozmix containing 10% salt, 1% Halad-9, 2% Gel and ¼#/sack Flosal followed by 150 sacks 50/50 Pozmix containing 10% salt, 1% Halad-9 and 2% Gel on first stage. 100 sacks 50/50 Pozmix containing 10% salt, 2% Gel, .6% Halad-9 and ¼#/sack Flosal, followed by 475 sacks 50/50 Pozmix containing 10% salt, 2% Gel, .6% Halad-9, tailed in w/ 100 sacks Type G cement containing .6% Halad-9, 10% salt on second stage. Released drilling rig 11-12-68. Moved in G. E. Gudac completion rig and rigged up 11-18-68. Schl. ran CBL-Gamma Ray collar and Shear Amp logs. Log indicated poor bond across interval to be perforated at 10,581 to 10,598 and no bond below. Schl perforated at 10,625 and 10,548 w/ 2 hyperjets/ft. for recementing. Set cement retainer at 10,615'. Halco brokedown perf at 10,625'. Halco cement squeezed perfs at 10,625' w/ 100 sacks 50/50 Pozmix containing 2% Gel and 0.6% Halad-9. Unable to breakdown perfs at 10,548'. Schl ran CBL and VD logs from PBTD at 10,612 to 9000'. Schl. perforated at 10,581-10,598 w/ 2-4" hyperjets/ft. RIH w/ 2 7/8" tubing and landed at 10,599.71'. Pumped 1500 gallons 15% HCl w/ .5% 5-N and inhibitor into formation. Swab tested indicated water. Halco squeezed perf at 10,548 and 10,581 to 10,598 w/ 200 sacks 50/50 Pozmix cement containing 2% Gel and .6% Halad-9. Drilled out to PBTD at 10,612'. Pressure tested squeezed perfs 10,581 to 10,598, held ok. Schl. perforated at 10,581 to 10,598 w/ 2 hyperjets/ft. RIH w/ 2 7/8" tubing and landed at 10,599.71'. Halco spotted 250 gals 10% HCl and brokedown perfs at 10,581-10,598'. (Continued)								

Note: There were _____ runs or sales of oil; _____ M cu. ft. of gas sold; _____ runs or sales of gasoline during the month.

NOTE: Report on this form as provided for in Rule C-22. (See back of form.)

FILE IN DUPLICATE

*STATUS: F-Flowing P-Pumping GL-Gas Lift
SI-Shut In D-Dead
GI-Gas Injection TA-Temp. Aban.
WI-Water Injection

CHEVRON OIL CO.
Fay Macham #1

The company has successfully completed this well as a good producer and completely eliminated all of their water problems. The well is now flowing 600-700 BOPD.

Vit 9/11
CHEVRON OIL CO.
Fay Macham Unit #1

This test is being drilled by the Brinkerhoff Drilling Company's rig #17. At the time of the visit, they were drilling at 9,500' and no problems have been encountered to date.

PAUL W. BURCHELL
CHIEF PETROLEUM ENGINEER

PWB:sd
cc: U.S. Geological Survey
Rod Smith, Dist. Engineer

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYALLOTTEE _____
TRIBE _____
LEASE NO. **22x 14-20-462-887****LESSEE'S MONTHLY REPORT OF OPERATIONS**State Utah County Duchesne Field BluebellThe following is a correct report of operations and production (including drilling and producing wells) for the month of December, 1968,Agent's address P. O. Box 455 Company Chevron Oil Co., Western Div.Vernal, Utah 84078Signed R. W. PATTERSON Original Signed By R. W. PATTERSONPhone 789-2442 Agent's title Unit Superintendent

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
rox. t. NE 1/4 . 11	1S	2W	Virgil E. Mechem Unit #1 (3-11C)							
<u>Present Status</u>										
Total Depth: 11,177 PBD: 10,610										
<u>Operations Conducted</u>										
Continued swabbing perfs 10,581 to 10,598'. Tagged PBD at 10,612'. Drilled out 3' cement and CI Retainer at 10,615' and cleaned out to 10,667. Schl. perforated at 10,635' w/ 2 hyperjets. Ran Baker CI Retainer and set at 10,610'. Cement squeezed blank 10,598-10,635' w/ 100 sacks cement. Swabbed perfs 10,581 to 10,598'. Schl. reperforated at 10,581-10,598 w/ 2 hyperjets/ft. Swabbed well. Acidized perfs 10,581-10,598 w/ 150 gal 15% HCl containing 0.5% 5N and 1 qt. inhibitor. Swabbed well. Acidized perfs 10,581-10,598' w/ 500 gal 15% HCl containing 0.5% 5N and inhibitor. Swabbed well. Schl. perforate at 10,581-10,598' and 10,458-10,476' w/ 2 hyperjets/ft. Schl. perforated at 10,486-10,498' w/ 2 hyperjets/ft. Tagged PBD at 10,610'. Brokedown and acidized perfs 10,486-10,498' and 10,458-10,476' w/ 1000 gals 15% HCl, 0.5% 5N and inhibitor. Swabbed well and flow tested. Ran 2 7/8" EUE, N-80 tubing and landed at 10,149.46'. Swabbed well and flow tested. Released completion rig 12-23-68.										
Total Oil Sales--- 4,758.49										
Less Recovered Oil (720.00)										
Net Oil Sales----- 4,038.49										

NOTE.—There were 4,038.49 runs or sales of oil; No M. cu. ft. of gas sold;No runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYALLOTTEE _____
TRIBE _____
LEASE NO. **14-20-462-887****LESSEE'S MONTHLY REPORT OF OPERATIONS**State Utah County Duchesne Field BluebellThe following is a correct report of operations and production (including drilling and producing wells) for the month of December, 1968,Agent's address P. O. Box 455 Company Chevron Oil Co., Western Div.Vernal, Utah 84078Signed R. W. PATTERSON Original Signed by R. W. PATTERSONPhone 789-2442 Agent's title Unit Superintendent

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)	
rox. t. NE 1/4 . 11	1S	2W	Virgil E. Mechem Unit #1 (3-11C)								
			<u>Present Status</u>								
			Total Depth: 11,177		PBTD: 10,610						
			<u>Operations Conducted</u>								
			Continued swabbing perfs 10,581 to 10,598'. Tagged PBTD at 10,612'. Drilled out 3' cement and CI Retainer at 10,615' and cleaned out to 10,667. Schl. perforated at 10,635' w/ 2 hyperjets. Ran Baker CI Retainer and set at 10,610'. Cement squeezed blank 10,598-10,635' w/ 100 sacks cement. Swabbed perfs 10,581 to 10,598'. Schl. reperforated at 10,581-10,598 w/ 2 hyperjets/ft. Swabbed well. Acidized perfs 10,581-10,598 w/ 150 gal 15% HCl containing 0.5% 5N and 1 qt. inhibitor. Swabbed well. Acidized perfs 10,581-10,598' w/ 500 gal 15% HCl containing 0.5% 5N and inhibitor. Swabbed well. Schl. perforated at 10,581-10,598' and 10,458-10,476' w/ 2 hyperjets/ft. Schl. perforated at 10,486-10,498' w/ 2 hyperjets/ft. Tagged PBTD at 10,610'. Brokdown and acidized perfs 10,486-10,498' and 10,458-10,476' w/ 1000 gals 15% HCl, 0.5% 5N and inhibitor. Swabbed well and flow tested. Ran 2 7/8" EUE, N-80 tubing and landed at 10,149.46'. Swabbed well and flow tested. Released completion rig 12-23-68.								
			Total Oil Sales---	4,758.49							
			Less Recovered Oil (720.00)								
			Net Oil Sales-----	4,038.49							

NOTE.—There were 4,038.49 runs or sales of oil; No M. cu. ft. of gas sold;No runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

MINERAL PRODUCTION REPORT

State W. Va. County Mingo District 14-20-462

The following is a correct report of operations and production (including drilling and producing wells) for the month of December, 1957.

Agent's address P.O. Box 1, 14-20-462 Company Signal Drilling Co. Original Signed By

Charles E. Patterson

Signed C. E. PATTERSON & W. PATTERSON

Phone 749-2642

Agent's title Oil Superintendent

SEC. AND H. or H.	TWP.	RANGE	Well No.	Days Producing	BARRELS OF OIL	GALENE	CU. FT. OF GAS (in thousands)	GALLOS OF GASOLINE RECOVERED	BARRELS OF WATER (If RWS, 55 state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
Approx. Cent. NE 1/4 Sec. 11	15	2W	Vigil M. Morgan Unit #1	(3-11C)						Allotted Lease No. 14-20-462-887
Approx. Cent. SW 1/4 Sec. 12	15	2W	Chevron-Mingo Bell-Morgan Kendall Unit #1	(2-12C)						Tribal No. 14-20-462-803 Allotted No. 14-20-462-888
					Present Status					
					Total Depth: 9370'					
					Operations Conducted					
					Moved in Signal Drilling Co. Rig #5 and spudded at 11:30 AM, 1-4-69. Drilled 15" hole to 532'. Cemented 10 3/4", 40.54, J-55 casing at 529.45' w/ 200 sacks 50/50 Pozmix containing 2% Gel, 2% CaCl w/ 1/4#/sack Flosal followed by 230 sacks 50/50 Pozmix containing 2% Gel and 2% CaCl tailed in w/ 100 sacks Type G cement w/ 3% CaCl. Drilled 8 3/4" hole from 529' to 9370'.					

NOTE.—There were 2,710.08 runs or sales of oil; _____ M. cu. ft. of gas sold;

_____ runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other in-
structions on
reverse side)Form approved.
Budget Bureau No. 42-R355.5.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> Other _____										5. LEASE DESIGNATION AND SERIAL NO. Fee Land	
b. TYPE OF COMPLETION: NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEP-EN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> Other _____										6. IF INDIAN, ALLOTTEE OR TRIBE NAME 14-20-462-887	
2. NAME OF OPERATOR Chevron Oil Company, Western Division										7. UNIT AGREEMENT NAME Unit #1 (3-11C)	
3. ADDRESS OF OPERATOR P. O. Box 455, Vernal, Utah 84078										8. FARM OR LEASE NAME Virgil B. Mechem	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1320' FNL and 1445' FEL of Sec. 11, T1S, R2W, USBM At top prod. interval reported below At total depth										9. WELL NO. Unit #1 (3-11C)	
14. PERMIT NO. _____ DATE ISSUED _____										10. FIELD AND POOL, OR WILDCAT Bluebell Field	
15. DATE SPUDDED 8-27-66 16. DATE T.D. REACHED 11-8-68 17. DATE COMPL. (Ready to prod.) 12-22-68 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* KB = 5933										11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 11, T1S, R2W, USBM	
20. TOTAL DEPTH, MD & TVD 11,177 21. PLUG, BACK T.D., MD & TVD 10,610 22. IF MULTIPLE COMPL., HOW MANY* → 23. INTERVALS DRILLED BY → ROTARY TOOLS 0-11,177 CABLE TOOLS										12. COUNTY OR PARISH Duchesne 13. STATE Utah	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 10,458-10,598										19. ELEV. CASINGHEAD No	
26. TYPE ELECTRIC AND OTHER LOGS RUN Dual Induction-Laterlog-Variable Density-Shear Amplitude-Compressional Amplitude-Borehole Compensated Sonic Log-Gamma Ray w/ Caliper Logs.										27. WAS WELL CORED Yes	
28. CASING RECORD (Report all strings set in well) CBL-Gamma Ray Collar											
CASING SIZE		WEIGHT, LB./FT.		DEPTH SET (MD)		HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED	
10 3/4"		40.5		523.69		15"		(1) attached sheet			
7"		23, 26 & 29#		11,177		8 3/4"		(2) attached sheet			
29. LINER RECORD										30. TUBING RECORD	
SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT*		SCREEN (MD)		SIZE	
										2 7/8"	
31. PERFORATION RECORD (Interval, size and number) 10,458-10,476, 10,486-10,498 and 10,581-10,598 w/ 2 hyperjets/ft. 10,625 and 10,548 cement squeezed 10,635 excluded by C.T. Retainer at 10,610										32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. DEPTH INTERVAL (MD) AMOUNT AND KIND OF MATERIAL USED 10,548 & 10,581-10,598 1500 gal 15% HCl w/ .5% 5N & inhibitor 10,486-10,498 & 1000 gal as above 10,458-10,476	
33.* PRODUCTION 10,581-10,598 - 1400 gal as above											
DATE FIRST PRODUCTION 12-22-68		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing								WELL STATUS (Producing or shut-in) Producing	
DATE OF TEST 12-22-68		HOURS TESTED 24		CHOKE SIZE 25/64		PROD'N. FOR TEST PERIOD →		OIL—BBL. 225		GAS—MCF. 0	
FLOW. TUBING PRESS. 200		CASING PRESSURE		CALCULATED 24-HOUR RATE →		OIL—BBL.		GAS—MCF.		WATER—BBL.	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)										TEST WITNESSED BY	
35. LIST OF ATTACHMENTS											
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records											
SIGNED R. W. PATTERSON		TITLE Unit Superintendent						DATE 2/6/69			

*(See Instructions and Spaces for Additional Data on Reverse Side)

USGS, SLC-2; O&GCC, SLC-2; R. H. Griffin, Denver-1; REH-1; Well File-1; Humble, Denver-1;

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES:

SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
Green River	10,310	10,344	60 min test. WGS. Rec 1085' water cushion and 130' drlg mud w/ light scum oil. Pressures: IH-5340, IF 42-63, ISI 126, FF 84-126, PSI 168, FHI 5319.
Green River	10,344	10,404	60 min test. GTS in 29 min. Rec 1085' wtr cushion and 6891' oil in DP. Press: IH 5319, IF 63-1341, ISI 4203, FF 1400-3249, PSI 3851, FHI 5319.
Green River	10,399	10,435	60 min test. GTS in 46 min. TSDH. Rec 15.1 bbls sli oil cut wtr cushion, 10.6 bbls oil cut drlg mud and 17.2 bbls highly gas cut oil. Press: IH 5340, IF 34-862, ISI 3581, FF 862-1383, PSI 3604, FHI 5319.
Green River	10,426	10,459	60 min test. GTS in 17 min. Rec 15.4 bbls sli oil cut wtr cushion, 9 bbls highly gas cut oil and .6 bbls oil cut drlg mud. Press: IH 5353, IF 75-300, ISI 4148, FF 338-826, PSI 4148, FHI 5316.
Green River	10,475	10,519	30 min test. GTS. Rec 15.1 bbls sli gas cut wtr cushion and 100 bbls highly gas cut oil. Press: IH 5391, IF 1532-3128, ISI 4371, FF 3163-3796, PSI 4371, FHI 5372.

38.

GEOLOGIC MARKERS

NAME	TOP Sub Sea Datum	
	MEAS. DEPTH	MEASURED DEPTH
Duchesne River	Surface	
Green River	6,574	(- 641)
Hahogany Bench	8,579	(-2646)
Wasatch	11,148	(-5215)

(Continued on attached sheet)

28. CASING RECORD

- (1) 400 sacks 50/50 Pozmix containing 2% Gel and 2% CaCl_2 w/ the 1st 200 sacks containing $\frac{1}{2}$ ¢/sack Cello Flakes followed by 100 sacks Type G cement w/ 3% CaCl_2 .
- (2) 100 sacks 50/50 Pozmix containing 10% salt, 1% Halad-9, 2% Gel and $\frac{1}{2}$ ¢/sack Flosel, followed by 150 sacks 50/50 Pozmix containing 10% salt, 1% Halad-9 and 2% Gel on 1st stage. 100 sacks 50/50 Pozmix containing 10% salt, 2% Gel, .6% Halad-9 and $\frac{1}{2}$ ¢/sack Flosel followed in by 475 sacks 50/50 Pozmix containing 10% salt, 2% Gel and .6% Halad-9, tailed in w/ 100 sacks Type G cement containing .6% Halad-9, 10% salt on 2nd stage through DV collar at 9958'.

37. SUMMARY OF POROUR ZONES: (Continued)

Formation	Top	Bottom	Description
Green River	10,521	10,576	60 min test. GTS. Rec 16 bbls gas cut sli oil cut wtr cushion, 58 bbls highly gas cut oil and 17.9 bbls gas cut sli oil cut wtr. Press: IH 5402, IF 252-1299, ISI 4720, FF 1362-2503, FSI 4658, FHH 5381.
Green River	10,559	10,576	60 min test. NGTS. Rec 16 bbls sli oil and gas cut wtr cushion and 49.8 bbls gas cut formation water. Press: IH 5484, IF 84-1050, ISI 4720, FF 1050-1840, FSI 4720, FHH 5443.
Green River	10,593	10,636	45 min test. GTS in 25 mins. Rec 15.2 bbls gas cut wtr cushion and 116 bbls very highly gas cut oil. Press: IH 5484, IF 1341-2710, ISI 4782, FF 2793-4079, FSI 4782, FHH 5484.
Green River	10,949	10,985	60 min test. GTS in 15 min. TSTM. Rec 40 bbls oil emulsified w/ 16 bbls very highly gas cut wtr cushion. Press: IH 5897, IF 210-1050, ISI 5381, FF 1071-1694, FSI-5216, FHH-5897.
Green River	11,115	11,177	60 min test. NGTS. Rec 1128' wtr cushion and 115' sli oil cut drlg mud. Press: IH 5938, IF 21-42, ISI 1029, FF 63-147, FSI-5938, FHH-5938.
	10,310	10,344	Core #1
	10,344	10,404	Core #2
	10,404	10,435	Core #3
	10,435	10,459	Core #4
	10,459	10,519	Core #5
	10,519	10,576	Core #6
	10,576	10,636	Core #7

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN TRIPLICATE*
(Other instructions on re-
verse side)Form approved.
Budget Bureau No. 42-R1424.
5. LEASE DESIGNATION AND SERIAL NO.

Fee Land

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Utah-Ouay
Com. Agr. #96-10

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Virgil B. Mecham

9. WELL NO.

Unit #1 (3-11C)

10. FIELD AND POOL, OR WILDCAT

Bluebell Field

11. SEC., T., R., M., OR BLK. AND
SURVEY OR AREA

Sec. 11, T1S, R2W, USBM

12. COUNTY OR PARISH

Duchesne

13. STATE

Utah

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT" for such proposals.)

1.

OIL WELL ☒ GAS WELL ☐ OTHER ☐

2. NAME OF OPERATOR

Chayron Oil Company, Western Division

3. ADDRESS OF OPERATOR

P. O. Box 455, Vernal, Utah

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface

1320' FNL and 1445' FEL of Sec. 11, T1S, R2W, USBM

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

KD - 5933'

16.

Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐FRACTURE TREAT ☐SHOOT OR ACIDIZE ☐REPAIR WELL ☐(Other) ☐PULL OR ALTER CASING ☐MULTIPLE COMPLETE ☐ABANDON* ☐CHANGE PLANS ☐Expose Add'l Sand & Stim. Prod. ☒

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐FRACTURE TREATMENT ☐SHOOTING OR ACIDIZING ☐(Other) ☐REPAIRING WELL ☐ALTERING CASING ☐ABANDONMENT* ☐(NOTE: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any
proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones perti-
nent to this work.)*It is proposed to expose additional sand and stimulate production on subject well as
follows:

1. Run CBL from PBTD up for $\pm 1000'$.
2. Perforate w/ 2 jets/ft 10,406-10,416, 10,508-10,516 and 10,521-10,526'.
3. Selectively breakdown, acidize and swab test perfs 10,406-10,416 and 10,508-10,526'.
Exclude if water.
4. Perforate with 2 jets/ft - 10,330-10,354, 10,356-10,360, 10,364-10,374, 10,384-10,396,
10,424-10,446'.
5. Breakdown, acidize and swab test perfs 10,424-10,446. Exclude if water.
6. Breakdown, acidize and swab test perfs 10,384-10,396, 10,330-10,374' and presently
exposed perfs 10,581-10,598'.
7. Run production string. Hang well on.

Present Production: 160 BOPD, 3 BWPD. ✓

18. I hereby certify that the foregoing is true and correct

Original Signed by
SIGNED R. W. PATTERSONTITLE Unit SuperintendentDATE 6/17/69

(This space for Federal or State office use)

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

TITLE _____

DATE _____

USGS, SLC-3; O&GCC, SLC-2; File-1

*See Instructions on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN TRIPLICATE*
(Other instructions on re-
verse side)Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

Fee Land

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Uintah-Ouray
Com Agr. 96-10

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Virgil B. Mechem

9. WELL NO.

Unit #1 (3-11C)

10. FIELD AND POOL, OR WILDCAT

Bluebell Field

11. SEC., T., R., M., OR BLK. AND
SURVEY OR AREA

Sec. 11, T1S, R2W

12. COUNTY OR PARISH

Duchesne

13. STATE

Utah

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1.

OIL WELL ☒ GAS WELL ☐ OTHER ☐

2. NAME OF OPERATOR

Chevron Oil Company - Western Division

3. ADDRESS OF OPERATOR

P. O. Box 455, Vernal, Utah 84078

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface

1320' FNL and 1445' FEL of Sec. 11, T1S, R2W, USRM

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

KB - 5933'

16.

Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐FRACTURE TREAT ☐SHOOT OR ACIDIZE ☐REPAIR WELL ☐(Other) ☐PULL OR ALTER CASING ☐MULTIPLE COMPLETE ☐ABANDON* ☐CHANGE PLANS ☐

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐FRACTURE TREATMENT ☐SHOOTING OR ACIDIZING ☐(Other) ☐REPAIRING WELL ☐ALTERING CASING ☐ABANDONMENT* ☐Expose Addl Sand & Stim Prod ☒(NOTE: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any
proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones perti-
nent to this work.)*

The following work was completed on subject well as of 6-29-69:

1. Ran CBL and Collar Log. Perforated at 10,406-10,416' (JD-JE), 10,508-516' (JL-JN) and 10,521-10,526' (JN-Jp) w/ 2 hyperjets/ft. Acidized perfs 10,508 to 10,526' w/ 500 gal 15% HCl acid. Brokedown perfs 10,508 to 10,526'. Swab tested perfs 10,458-476', 10,486-498' and 10,508-526'.
2. Acidized perfs 10,406-10,416' w/ 500 gal 15% HCl. Brokedown and swab tested.
3. Perforated at 10,424-10,446' (JF), 10,384-10,396 (J), 10,364-10,374 (Iv-Iy), 10,356-10,360' (Iy) and 10,330-10,354' (Ip-It) w/ 2 hyperjets/ft.
4. Acidized perfs 10,424-446' w/ 1000 gal 15% HCl acid. Swab tested.
5. Acidized perfs 10,384-396' w/ 1000 gal 15% HCl acid. Swab tested.
6. Acidized perfs 10,330-374' w/ 1000 gal 15% HCl acid. Swab tested.
7. Pumped 24 bbls 10% salt water and 1000 gal 15% HCl acid into perfs 10,581-598'. Swab tested.

(Continued on reverse side)

18. I hereby certify that the foregoing is true and correct.

SIGNED

R. W. PATTERSON

TITLE

Unit Superintendent

DATE

9-10-69

R. W. PATTERSON

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

USGS, SLC-3; O&GCC, SLC-2; File-1



CHEM LAB

WATER ANALYSIS EXCHANGE REPORT

MAR 10 1970

U.S. GEOLOGICAL SURVEY
SALT LAKE CITY, UTAH

MEMBER Chevron Oil Company
OPERATOR Chevron Oil Company
WELL NO. V. Mecham No. 1
FIELD Bluebell
COUNTY Duchesne
STATE Utah

LAB NO. 3287-9 REPORT NO. _____
LOCATION Section 11-1S-2W
FORMATION Green River
INTERVAL _____
SAMPLE FROM Production (Treater)
DATE February 25, 1970

REMARKS & CONCLUSIONS: Clear

Cations	mg/l	meq/l
Sodium	11,421	496.80
Potassium	230	5.89
Lithium	—	—
Calcium	64	3.19
Magnesium	12	0.99
Iron	absent	—

Anions	mg/l	meq/l
Sulfate	2,848	59.24
Chloride	15,100	423.82
Carbonate	24	0.80
Bicarbonate	1,281	21.01
Hydroxide	—	—
Hydrogen sulfide	absent	—

Total Cations - - - - 506.87

Total Anions - - - - 506.87

Total dissolved solids, mg/l - - - - 30,330
NaCl equivalent, mg/l - - - - 28,636
Observed pH - - - - 8.3

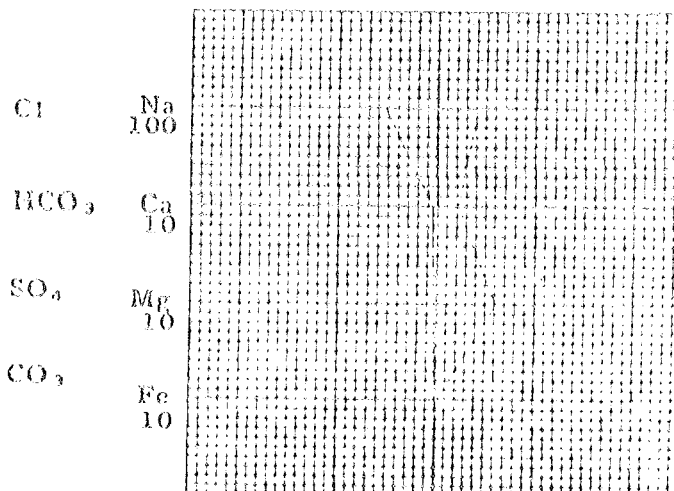
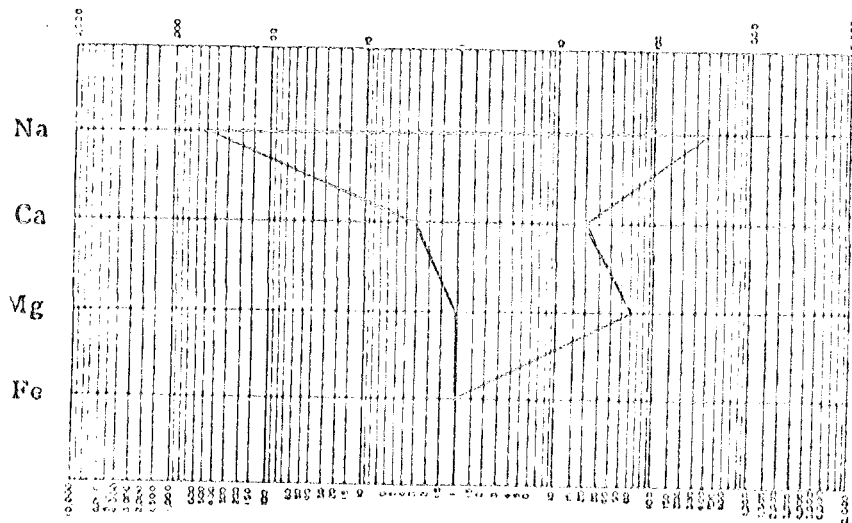
Specific resistance @ 68° F.:
Observed - - - - 0.257 ohm-meters
Calculated - - - - 0.250 ohm-meters

WATER ANALYSIS PATTERNS

MEQ per mill

LOGARITHMIC

STANDARD



GEOCHEMICAL ANALYSIS OF WATER Pro-391

DATE OF REPORT **Jan 10, 1972**
 DATE OF SAMPLING
 SAMPLED BY
 LABORATORY NO. **71-72W-152**
 ANALYST **Yamada**

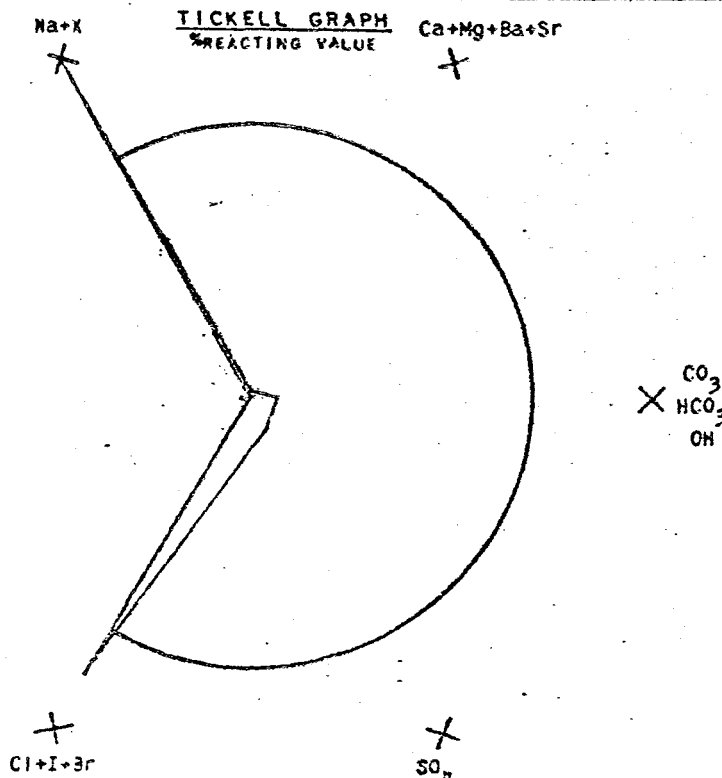
WELL **Virgil B. Mehan #1**
 COMPANY **Standard Oil Co. (3-11C)**
 FIELD **Bluebell Sec. 11, 1S/2W**
 ZONE **Green River**
 SAMPLE SOURCE **CRC # 31959**

RADICALS		PARTS PER MILLION MILLIGRAMS PER LITER	REACTING VALUE	REACTING VALUE
			EQUIVALENTS PER MILLION	PERCENT
SODIUM	Na	11932.2	519.02	49.70
CALCIUM	Ca	42.9	2.14	0.21
MAGNESIUM	Mg	11.6	0.95	0.09
BARIUM	Ba			
STRONTIUM	Sr			
SULPHATE	SO ₄	2455.4	51.12	4.90
CHLORIDE	Cl	15450.4	435.79	41.73
CARBONATE	CO ₃	273.6	9.12	0.87
BICARBONATE	HCO ₃	1591.3	26.08	2.50
HYDROXIDE	OH			
IODIDE	I			
SILICA	SiO ₂			
IRON, ALUMINA	R ₂ O ₃			
TOTAL		31757.4	1044.22	100.00

GROUP	CHEMICAL CHARACTER	MISCELLANEOUS	
ALKALIS	PRIMARY SALINITY	BORON	PPM
EARTHS	SECONDARY SALINITY	HYDROGEN SULFIDE	Absent
STRONG ACIDS	PRIMARY ALKALINITY	EQUIVALENT SALT	29000 PPM
WEAK ACIDS	SECONDARY ALKALINITY	RESISTIVITY @ 77°F	0.219 O.M.
Ca/EARTHS		CHLORINITY	25470 PPM
CHLORIDE SALINITY		SPECIFIC GRAVITY	1.0228
SULPHATE SALINITY	CARBONATE/CHLORIDE	pH	8.62

REMARKS

Perforated Interval: 10330'-10598'



L. W. Slentz
 I-C Laboratory

FORM 3-10-62

FILE IN QUADRUPLICATE

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL & GAS CONSERVATION
348 EAST SOUTH TEMPLE
SUITE 301
SALT LAKE CITY, UTAH

REPORT OF WATER ENCOUNTERED DURING DRILLING

Well Name & Number Virgil B. Mecham Unit #1 (3-11C)

Operator Chevron Oil Company Address Vernal, Utah Phone 789-2442

Contractor Brinkerhoff Drlg. Co. Address Denver, Colo Phone _____

Approx. Center of NE $\frac{1}{4}$

Location $\frac{1}{4}$ Sec. 11 T. 1S N R. 2W E Duchesne County, Utah
S W

Water Sands: None ✓

<u>Depth</u>		<u>Volume</u>	<u>Quality</u>
<u>From</u>	<u>To</u>	<u>Flow Rate or Head</u>	<u>Fresh or Salty</u>
1.	_____	_____	_____
2.	_____	_____	_____
3.	_____	_____	_____
4.	_____	_____	_____
5.	_____	_____	_____

(Continued on reverse side if nec.)

<u>Formation Tops:</u>	<u>Duchesne River</u>	<u>Surface</u>
	<u>Green River</u>	<u>6574 (- 641)</u>
	<u>Mahogany Bench</u>	<u>8579 (-2646)</u>
<u>Remarks:</u>	<u>Wasatch</u>	<u>11148 (-5215)</u>

NOTE:

- (a) Upon diminishing supply forms, please inform the Commission.
- (b) Report on this form as provided for in Rule C-20, General Rules and Regulations and Rules of Practice and Procedure, (See back of form.)
- (c) If a water analysis has been made of the above reported zone, please forward a copy along with this form.



Proven Properties Inc.

P.O. BOX 2049 • HOUSTON, TEXAS 77252-2049 • (713) 546-8780

KENNETH R. HUDDLESTON
President

January 13, 1986

RECEIVED
JAN 20 1986
DIVISION OF OIL
& GAS & MINING

Division of Oil, Gas and Mining
State of Utah
3 Triad Center, Suite 350
355 West North Temple
Salt Lake City, Utah 84180-1203

Re: Change of Operator Bluebell-Altamont Fields,
Duchesne and Uintah Counties, Utah

Gentlemen:

Heretofore on December 26, 1985, Chevron U.S.A. Inc. advised you concerning properties sold by Chevron U.S.A. to Proven Properties, Inc. and informed you by telephone of change of operator with respect thereto.

This will confirm the advice given to you by Chevron U.S.A. Inc. Attached hereto is the same list of wells furnished to you by Chevron U.S.A. which is marked Exhibit "A" and by this reference made a part hereof. Proven Properties, Inc. is now the operator of the wells described in the attached schedule, however, Pennzoil Company will be operating said properties as agent for Proven Properties, Inc.

We will promptly report to you in writing any change of address and any termination of our operator's authority including any designation of a new operator. However, the designation of Proven Properties, Inc. as operator shall remain in full force and effect until and unless a new designation of operator is filed in accordance with the Utah statutes and the rules and regulations and rules of practice and procedure of the Division of Oil, Gas and Mining of the State of Utah.

If there are any additional reports or any additional information which you would wish to have, kindly call Kevin Cunningham at 713-546-8768.

Yours very truly,

THE BOND IS UNDER THE PENNZOIL
NAME, AND THEREFORE PENNZOIL IS
SHOWN AS OPERATOR ON UDOGM
RECORDS.

[Signature]
6-25-86

PROVEN PROPERTIES, INC.

By *[Signature]*
Kenneth R. Huddleston, President

Chevron U.S.A. Wells Sold to Proven Properties Inc.,
P.O. Box 2049, Houston, Texas 77252-2049, Effective
December 1, 1985

<u>Entity No.</u>	<u>Well Name</u>
05255	SP-H-U Tribal 2-24Z3
05256	SP-H-U Tribal 4-36Z3
05270	Owen Anderson 1-28A2
05275	Black Jack Ute 1-14-2D
05280	Blue Bench Ute 1
05285	Ute Tribal 1-6B2
05295	Campbell Ute St. 1-7B1
05300	Campbell Ute 1-12B2
05305	Cheney 1-33A2
05306	Cheney #2-33-A2
05320	Duchesne County Snider 1-9C4
05325	Duch Co 1-17C4
05330	Duch Co Tribal U 1
05335	Evans Ute 1-17B3
05336	Evans Ute #2-17-B3
05340	Fortune Ute Fed1-11C5
05345	Freston St 1-8B1
05350	Geritz Mur 1-6C4
05360	Hamblin 1-26A2
05361	Hamblin 2-26-A2
05370	J Robertsn Ute 1-1B1

<u>Entity No.</u>	<u>Well Name</u>
05375	Rachel Jensen 1-16C5
05385	John 1-3B2
05387	John 2-3-B2
05390	Verl Johnson 1
05400	Lamicq 1-20A2
05405	J Lamicq St. 1-6B-1
05410	L Rbrtsn St 1-1B2
05412	Lamicq-Robertson State #2-1-B2
05415	Lamicq Ute 1-5B2
05425	McElprang 1-31A1
05430	Marguerite Ute 1-8B2
05435	May Ute Fed 1-13B1
05440	Moon Tribal 1-30C4
05450	Mortensen 1-32A2
05452	Mortensen 2-32-A2
05455	Phillips Ute 1-3C5
05460	Reese Estate 1-10B2
05465	Robertson 1-29A2
05470	Robertson Ute 1-2-B2
05472	Robertson Ute 2-2-B2
05475	Rbrtsn Ute St 1-12B1
05480	Saleratus W/U 1-7C5
05485	Shrine Hsptl 1-10C5
05490	Smith Albert 1-8C5
05495	Smith Albert 2-8C5

<u>Entity No.</u>	<u>Well Name</u>
05500	Smith Broadhead 1-9C5
05505	Smith David Ute 1-6C5
05510	Smith Joseph 1-17C5
05515	Smith Ute 1-18C5
05520	St Lnd Brd Ute 1-35A1
05525	Taylor Maurel 1
05530	Todd USA St 1-2B1
05535	Tomlinson Fed 1
05540	Unta Ouray Trbl 1-1A3
05545	Urrutz 1-34A2
05550	Ut St Fed 1-24B1
05555	Ut St L/B 1-11B1
05560	Ute 1-2A3
05565	Ute 1-2C5
05575	Ute 1-4A3
05580	Ute 1-5C5
05585	Ute 1-10A3
05590	Ute 1-20Z2
05605	Ute Tribal 1-13B3
05610	Ute Tribal 1-21Z2
05620	Ute County 1-20C4
05645	Voda Jsphine 1-19C5
05650	Voda Jsphine 2-19C5
05655	Voda Ute 1-4C5
05665	Woodward Fed 1-21A2

<u>Entity No.</u>	<u>Well Name</u>
05666	Dillman 2-28A2
05675	C R Ames 1-23A4
05695	St U 1-7B1E
05700	Ute Tribal U 6-7B3
05705	Ute Tribal 1-6B3
05710	Lyn Timothy U 1-10B1
05715	Ute Tribal 9-4B1
05720	E Bennion U 1-25A4
05725	B Hartman U 1-31A3
05730	Ute Tribal 7-24A3
05735	Ute Tribal U 2-12A3
05740	L Boren U 1-24A2
05745	Lamicq-Urty U 3-17A2
05750	L Boren U-6-16A2
05755	L Boren U 3-15A2
05760	Virgil B Mecham U 1-35A2
05765	St Unit 2-35A2
05770	Harmston U 1-32A1
05775	WH Blanchard 2-3A2
05780	Walker V. Brown #1
05785	Ute Allotted U 1-36Z2
05790	T Horrocks 1-6A1
05795	Joseph Yack U 1-7A1
05800	Curtis Bastian 1-7A1
05805	Chsl-Fly-Dia 1-18A1

<u>Entity No.</u>	<u>Well Name</u>
05810	State 3-18A1
05815	R G Dye U-1-29A1
05820	Summerell E U 1-30A1
05825	L L Pack 1-33A1
05835	Mobilute Trbl 11-6A2
05836	Ute Tribal #2-7A2
05840	Doug Brown 1-4A2
05845	Lamicq-Urty U 4-5A2
05850	Mobil-Ute Trl 1-7A2
05855	Lamicq-Urty 2-A2
05860	Ut St U 1-10A2
05865	Sprgfld M/B/U 1-10A2
05870	L Boren U 2-11A2
05875	Norman Knd/ U 1-12A2
05876	Clyde Murray 1 (2-2C)
05877	Blanchard Fee 1-3A2
05878	Utah State 1
05880	Olsen U 1-12A2
05885	Fly/Dia 1 Boren 1 (2-14C)
05890	Ute Tribal 3-18A2
05895	Ute Tribal 4-19A2
05900	L Boren U 5-22A2
05905	L Boren U 4-23A2
05910	Ute Tribal 5-30A2
05915	Ute Allotted 2-18A3

Entity No.Well Name

05920	P. Bekstd U 1-30A3
05925	Ute Tribal 10-13A4
05930	Karl Shisler U 1-3B1
05935	C. B. Hatch 1-5B1
05940	Norling St. U 1-9B1
05945	H.G. Coltharp 1-15B1
05950	George Murray 1-16B1
05960	E.H. Buzz U 1-11B2
05965	D.L. Galloway 1-14B2
05970	State Pickup 1-6B1E
05975	Mobil-Lami. Ur 1-8A2
09895	Rachel Jensen 2-16C5



PENNZOIL PLACE • P. O. BOX 2967 • HOUSTON, TEXAS 77252-2967 • (713) 546-4000

080603
RECEIVED

AUG 4 1987

DIVISION OF OIL
GAS & MINING

July 30, 1987

Utah Natural Resources
Division of Oil, Gas, & Mining
Attn: Tammy Searing
355 Triad Center, Suite #350
Salt Lake City, Utah 84180-1203

Ms. Searing:

This letter is to confirm our telephone conversation of July 30, 1987, regarding the name change from Pennzoil Exploration & Production Co. to Pennzoil Company.

Please change your records to reflect this name change effective August 1, 1987.

Your contact for drilling operations will continue to be Will Luna at our Neola office. The contact for the monthly production reports will be myself at our Houston address. All affected properties, except the drilling activity, are listed on the attached production report for June, 1987. The bonding is in the name of Pennzoil Company.

This is a change in name only, the company and personnel have remained the same. If you need additional information, please call me at (713)-546-8104.

Sincerely,

Martin Wilson
Onshore Accounting

mh/dcw



UTAH
NATURAL RESOURCES
Oil, Gas & Mining

355 West North Temple, 3 Triad Center, Suite 350, Salt Lake City, Ut
84180-1203. • (801-538-5340)

Page 8 of 12

MONTHLY OIL AND GAS PRODUCTION REPORT

Operator name and address:

• ~~PENNZOIL EXPLOR & PROD CO~~ *Pennzoil Company*
P O BOX 2967, 25TH FL.
HOUSTON TX 77252 2967
ATTN: ~~WILBURN LUNA~~ *Martin Wilson*

Utah Account No. N2885

Report Period (Month/Year) 6 / 87

Amended Report ☐

Well Name API Number Entity Location	Producing Zone	Days Oper	Production Volume		
			Oil (BBL)	Gas (MSCF)	Water (BBL)
UTE TRIBAL 1-6B3 4301330136 05705 02S 03W 6	WSTC	30	930	680	5693
LYN TIMOTHY U 1-10B1 4301330287 05710 02S 01W 10	GRRV	8	51	289	243
UTE TRIBAL 9-4B1 4301330194 05715 02S 01W 4	GRRV	1	248	1384	0
E BENNION U 1-25A4 4301330060 05720 01S 04W 25	WSTC	0	0	0	0
B HARTMAN U 1-31A3 4301330093 05725 01S 03W 31	WSTC	30	561	321	13862
UTE TRIBAL 7-24A3 4301330203 05730 01S 03W 24	WSTC	28	2879	4167	10793
UTE TRIBAL U 2-12A3 4301330042 05735 01S 03W 12	WSTC	29	347	149	0
L BOREN U 1-24A2 4301330084 05740 01S 02W 24	WSTC	23	1898	6543	3083
LAMICQ-URTY U 3-17A2 4301330099 05745 01S 02W 17	WSTC	30	5692	4301	6349
L BOREN U 6-16A2 4301330123 05750 01S 02W 16	WSTC	30	8461	9580	14906
L BOREN U 3-15A2 4301330086 05755 01S 02W 15	GR-WS	30	9111	8388	14058
VIRGIL B MECHAM U 1 4301330009 05760 01S 02W 11	GRRV	0	0	0	0
ST UNIT 2-35A2 4301330156 05765 01S 02W 35	WSTC	27	2382	5870	12038
TOTAL			32560	41672	81030

Comments (attach separate sheet if necessary)

I have reviewed this report and certify the information to be accurate and complete.

Date Aug 1, 1987

Telephone 713-546-8104

Martin Wilson
Authorized signature

PLEASE COMPLETE FORMS IN BLACK INK

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

POW

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
 Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> 2. NAME OF OPERATOR Pennzoil Company 3. ADDRESS OF OPERATOR P.O. Box 2967, Houston, TX 77252 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface Center NE/4 14. PERMIT NO. 43-013-30009		5. LEASE DESIGNATION AND SERIAL NO. 6. IF INDIAN, ALLOTTEE OR TRIBE NAME 090810 7. UNIT AGREEMENT NAME 8. FARM OR LEASE NAME Virgil Mecham 9. WELL NO. 1-11A2 10. FIELD AND POOL, OR WILDCAT Bluebell/Green River 11. SEC., T., R., M., OR BLM. AND SURVEY OR AREA Sec 11, T1S, R2W, USM 12. COUNTY OR PARISH 13. STATE Duchesne Utah
---	--	---

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input checked="" type="checkbox"/>	REPAIRING WELL <input checked="" type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input checked="" type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	(Other) <input type="checkbox"/>

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

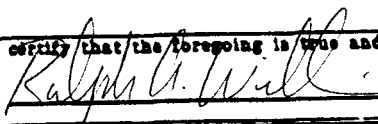
WORK PERFORMED FROM 6/26/87 to 8/6/87

1. MI & RU pulling unit. Pulled rods and installed BOP. POH w/tbg and anchor.
2. Set RBP at 10,250' (above all perfs) and tested 7" csg to 1500 psi. Held OK.
3. ran CET - CBL logs.
4. Set CIBP at 9020'. Perf 6sq holes at 4590-93' and 6 holes at 5700-03'. Set retainer at 5500' and cemented outside of 7" csg between sq holes with 1100 sx of cmt.
5. Re-sqz holes at 4590-93' with 200 sx.
6. drilled out to 9020' and tested csg to 1500 psi. Held OK. Drilled out to 10,526'.
7. Sq perfs 10,330-526' with 1000 gals flo-chek plus 100 sx cmt. re-sq with 150 sx.
8. Drilled out to 10,450' and tested csg to 1500 psi. Held OK.
9. perf Green River at 10,324-334', 10,380-390', 10,412-420', 10,422-430' (40', 84 holes).
10. Acidized perfs 10,324-430' with 5000 gals 15% HCL. Swab back the load, had show of oil.
11. RD pulling unit. Left well shut in. Job complete.

18. I hereby certify that the foregoing is true and correct

Supervising Engineer/

SIGNED



TITLE

Bluebell-Altamont

DATE

8-21-87

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

SEP 3 1987

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

RECEIVED
JUN 13 1988

DIVISION OF
OIL, GAS & MINING

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. <input type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NO.
2. NAME OF OPERATOR Pennzoil Company Utah Acct. # N0705		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR P.O. Box 2967 Houston, TX 77252-2967		7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface See Attached List of Wells		8. FARM OR LEASE NAME See Attached List
14. API NUMBER		9. WELL NO.
15. ELEVATIONS (Show whether DF, RT, OR, etc.)		10. FIELD AND POOL, OR WILDCAT Bluebell/Altamont
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
		12. COUNTY OR PARISH Duchesne & Uintah
		13. STATE Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF	<input type="checkbox"/>	PULL OR ALTER CASING	<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>	MULTIPLE COMPLETE	<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>	ABANDON*	<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>	CHANGE PLANS	<input type="checkbox"/>
(Other)	Operator Name Change		X

SUBSEQUENT REPORT OF:

WATER SHUT-OFF	<input type="checkbox"/>	REPAIRING WELL	<input type="checkbox"/>
FRACTURE TREATMENT	<input type="checkbox"/>	ALTERING CASING	<input type="checkbox"/>
SHOOTING OR ACIDIZING	<input type="checkbox"/>	ABANDONMENT*	<input type="checkbox"/>
(Other)			

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Change of operator name from Pennzoil Company to Pennzoil Exploration & Production Company, effective June 1, 1988.

See Attached List of wells

OIL AND GAS	
DRN	RJF
JRB	GLH
DTS	SLS
TAS	
① - MICROFILM	
3 - FILE	

18. I hereby certify that the foregoing is true and correct

SIGNED George P. San Filippo TITLE Western Div. Production Mgr. DATE 6-9-88

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

SUNDRY NOTICE OF NAME CHANGE
EXHIBIT A

ENTITY NUMBER	LEASE NAME	LEGAL DESC.	API #	REMARKS
5470	ROBERTSON UTE 1-2B2	2S 2W 2	4301330225	WSTC / GRV ✓
5472	ROBERTSON UTE 2-2B2	2S 2W 2	4301330921	
5475	ROBERTSON UTE ST 1-12B1	2S 1W 12	4304730164	
5480	SALERATUS WASH 1-7C5	3S 5W 7	4301330098	
5485	SHRINE HOSPITAL 1-10C5	3S 5W 10	4301330393	WSTC ✓
5490	ALBERT SMITH 1-8C5	3S 5W 8	4301330245	
5495	ALBERT SMITH 2-8C5	3S 5W 8	4301330543	
5500	SMITH BROADHEAD 1-9C5	3S 5W 9	4301330316	
5505	DAVID SMITH UTE 1-6C5	3S 5W 6	4301330163	
5510	JOSEPH SMITH 1-17C5	3S 5W 17	4301330188	WSTC ✓
5515	SMITH UTE 1-18C5	3S 5W 18	4301330142	WSTC ✓
5520	ST LANDBOARD 1-35A1	1S 1W 35	4304730182	
5525	MAUREL TAYLOR 1-36A2	1S 2W 36	4301330143	
5530	TODD USA ST 1-2B1	2S 1W 2	4304730167	
5535	TOMLINSON 1-25A2	2S 2W 25	4301330120	
5540	UINTAH OURAY 1-1A3	1S 3W 1	4301330132	
5545	URRUTY 1-34A2	1S 2W 34	4301330149	
5550	UTAH ST FEDERAL 1-24B1	2S 1W 24	4304730220	
5555	UT ST LANDBOARD 1-11B1	2S 1W 11	4304730171	
5560	UTE 1-2A3	1S 3W 2	4301330409	
5565	UTE 1-2C5	3S 5W 2	4301330392	
5575	UTE 1-4A3	1S 3W 4	4301330306	
5580	UTE 1-5C5	3S 5W 5	4301330260	
5585	UTE 1-10A3	1S 3W 10	4301330319	
5590	UTE 1-20Z2	1N 2W 20	4301330378	
5605	UTE TRIBAL 1-13B3	2S 3W 13	4301330251	
5610	UTE 1-21Z2	1N 2W 21	4301330148	
5620	UTE COUNTY 1-20C4	3S 4W 20	4301330170	
5645	JOSEPHINE VODA 1-19C5	3S 5W 19	4301330382	
5650	JOSEPHINE VODA 2-19C5	3S 5W 19	4301330553	WSTC ✓
5655	VODA UTE 1-4C5	3S 5W 4	4301330283	
5665	WOODWARD FED 1-21A2	1S 2W 21	4301330130	
5666	DILLMAN 2-28A2	1S 2W 28	4301330821	
5675	CR AMES 1-23A4	1S 4W 23	4301330375	
5680	FEDERAL 1-28	5S 19E 28	4304730175	
5685	FEDERAL 1-27	5S 19E 27	4304730181	WSTC ✓
5695	STATE 1-7B1E	2S 1E 7	4304730180	
5700	UTE TRIBAL 6-7B3	2S 3W 7	4301330211	
5705	UTE 1-6B3	2S 3W 6	4301330136	
5710	L. TIMOTHY 1-10B1	2S 1W 10	4301330287	WSTC ✓
5715	UTE TRIBAL 9-4B1	2S 1W 4	4301330194	WSTC ✓
5720	BENNION 1-25A4	1S 4W 25	4301330060	
5725	HARTMAN 1-31A3	1S 3W 31	4301330093	
5730	UTE TRIBAL 7-24A3	1S 3W 24	4301330203	
5735	UTE 2-12A3	1S 3W 12	4301330042	GRV ✓
5740	L. BOREN 1-24A2	1S 2W 24	4301330084	
5745	LAMICQ URRUTY 3-17A2	1S 2W 17	4301330099	
5750	L. BOREN 6-16A2	1S 2W 16	4301330123	
5755	L. BOREN 3-15A2	1S 2W 15	4301330086	
5760	VIRGIL MECHAM 1-11A2	1S 2W 11	4301330009	
5765	STATE 2-35A2	1S 2W 35	4301330156	
5770	HARMSTON 1-32A1	1S 1W 32	4301330224	WSTC ✓
5775	BLANCHARD 2-3A2	1S 2W 3	4301330008	

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT -" for such proposals

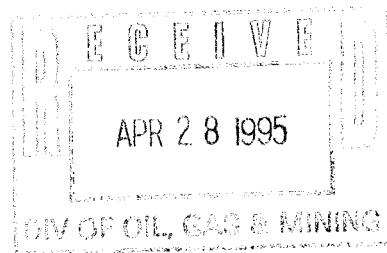
SUBMIT IN TRIPLICATE

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas well <input type="checkbox"/> Other	5. Lease Designation and Serial No. CA 96107
2. Name of Operator Pennzoil Company	6. If Indian, Allottee or Tribe Name
3. Address and Telephone No. P.O. Box 290 Neola, Utah 84053 (801) 353-4397	7. If unit or CA, Agreement Designation Virgil Mecham 1-11A2
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 1320' FNL and 1445' FEL of Section 11, T1S, R2W	8. Well Name and No. 43-013-30009-00
	9. API Well No. Bluebell
	10. Field and Pool, or Exploratory Area Duchesne, Utah
	11. County or Parish, State

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment	<input type="checkbox"/> Change of Plans
<input type="checkbox"/> Subsequent Report	<input checked="" type="checkbox"/> Recompletion	<input type="checkbox"/> New Construction
<input type="checkbox"/> Final Abandonment Notice	<input checked="" type="checkbox"/> Plugging Back	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Casing repair	<input type="checkbox"/> Water Shut-off
	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Conversion to Injection
	<input checked="" type="checkbox"/> Other Exception location	<input type="checkbox"/> Dispose Water
		(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work)

Pennzoil plans to plug back existing Lower Green River perfs 10,324-10,430' and recomplete in the Upper Green River from 6821' to 6956' (5 intervals, 76 net ft, 304 holes). Please see attached procedure for more details. Work should commence in the next 90 days.



14. I hereby certify that the foregoing is true and correct

Signed Jess Dullnig Title Petroleum Engineer Date 26-Apr-95

(This space of Federal or State office use.)

Approved by [Signature] Title Petroleum Engineer Date 5-3-95

Conditions of approval, if any:
approved pursuant to Cause 131-81 Upper Greenriver only

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly to make to any department of the United States any false statements or fraudulent statements or representations as to any matter within its jurisdiction.

WORKOVER PROPOSAL

VIRGIL MECHAM 1-11A2

Bluebell Field
Section 11, T1S, R2W
Duchesne County, Utah

OBJECTIVE

Recomplete well the Upper Green River.

JUSTIFICATION

The Virgil Mecham 1-11A2 well is presently shut-in due to low production from existing Lower Green River perforations 10,324' to 10,430'. In order to restore commercial production to this well, the Upper Green River from 6821' to 6956' should be perforated and acidized.

BACKGROUND

Please see the section of this proposal entitled "Well History" for details of past workovers.

CEMENT EVALUATION

A Schlumberger cement bond log run 7-1-87 indicated the following:

5800'	to	7950'	Free pipe
7950'	to	9100'	Fair to good bonding
9100'	to	9930' (DVT)	Good bonding
9930'	to	10,100'	Poor bonding
10,100'	to	10,510'	Fair to good bonding

WELL DATA

Completion date: 12-22-68
TD: 11,180'
Original PBTD: 11,095'
Current PBTD: 10,450'

Casing: 10-3/4", 40.5#, K-55 @ 524'
7", 23/26/29#, N-80 @ 11,177'

Tubing/Packer None

Lift system None

Fish: 7" RBP at 10,540' (below CIBP at 10,537')

Open perms: 10,324-10,430' (4 intervals, 40', 84 holes)

WELL HISTORY

11-20-68 through 12-23-68

- Perf 10,548-10,625' with 2 spf.
- Set retainer at 10,612' and squeezed 10,548-10,625' with 100 sxs.
- Perf 10,581-10,598' with 2 spf and acidized with 1500 g 15% HCL.
- Squeezed 10,581-10,598' with 200 sxs.
- Reperf 10,581-10,598' with 2 spf and acidized with 500 g 15% HCL.
- Squeezed 10,581-10,598' with 100 sxs.
- Reperf 10,581-10,598' with 2 spf, acidized with 650 g 15% HCL.
- Perf 10,458-10,476', 10,486-10,498' and 10,581-10,598' with 2 spf.
- Acidized 10,458-10,498' with 1000 g 15% HCL.

06-19-69 through 06-29-69

- Perf 10,406-10,416', 10,508-10,516' and 10,521-10,526' with 2 spf.
- Acidized 10,508-10,526' with 500 g 15% HCL.
- Acidized 10,406-10,416' with 500 g 15% HCL.
- Perf 10,330-10,354', 10,356-10,360', 10,364-10,374', 10,384-10,396' and 10,424-10,446' with 2 spf.
- Acidized 10,424-10,446' with 1000 g 15% HCL.
- Acidized 10,384-10,396' with 1000 g 15% HCL.
- Acidized 10,330-10,374' with 1000 g 15% HCL.
- Set RBP at 10,540' and CIBP at 10,537' (on top of RBP).

06-30-87 Tested all csg above 10,250' to 1500 psi, held OK.

07-01-87 Ran CBL/CET logs from 10,528' to 5800'.

07-03-87 Ran CET log from 7000' to surface.

07-06-87 Set 7" CIBP at 9020'. Perf 6 squeeze holes at 5700-03' and 6 squeeze holes at 4590-93'. Set retainer at 5500'.

07-07-87 Cemented outside of 7" csg from 4590' to 5703' with 150 sxs.

07-09-87 Resqueezed 4590-93' with 200 sxs.

07-13-87 Drilled out retainer at 5500'.

07-15-87 Milled out CIBP at 9020' and cleaned out down to 10,520'.

07-16-87 Set 7" retainer at 10,212' and squeezed perfs 10,330-10,526' with 1000 g Flo-Chek and 100 sxs cmt.

WELL HISTORY CONT.

- 07-17-87 Re-squeezed 10,330-10,526' with 150 sxs.
- 07-21-87 Drilled out retainer at 10,212' and cleaned out down to 10,450'.
- 07-24-87 Perf 10,324-10,430' (4 intervals, 40', 84 holes)
- 07-28-87 Acidized 10,324-10,430' with 5000 g 15% HCL
- 08-06-87 Left well shut-in.

PROCEDURE

1. MI and RU pulling unit. Remove wellhead and install BOP. Using wireline truck, set 7" CIBP at 8200' and test casing to 1500 psi. Isolate and repair any leaks before proceeding.
2. Perforate 6 squeeze holes at 7200' and 6 holes at 6550'.
3. GIH with 7" cement retainer on wireline. Set retainer at 7150' and GIH with stinger on 2-7/8" tbg. Place stinger in test position and test tbg to 5000 psi. Repair any tbg leaks before continuing. Stink into retainer and circulate down tbg, out holes at 7200' and back into casing at 6550' (see note). Circulate with formation water and mud cleaners until returns appear clear.

Note: If circulation cannot be established, discuss alternate cementing options with management.

4. Stink out of retainer and spot a viscous gel pill from 7150' to 6600'. Stink into retainer and cement outside of 7" casing from 7200' to 6550' with a high strength, expanding cement as per Dowell's recommendation. Calculate cement volume based on caliper log from Sonic Log run 11-10-68. This log shows an average hole size of 9.5". After cementing, pull stinger up to 6200' and reverse out. POOH with tbg and stinger.
5. Drill out cement down to retainer and test to 1500 psi. Re-squeeze holes at 6550' if necessary. After all cementing has been completed, displace hole with clean 2% KCL water containing non-emulsifying agent and corrosion inhibitor.

PROCEDURE CONT.

6. GIH with 7" Baker "Max" packer (10k max differential, min bore - 3.00"), 2.75" ID swab stop and 3-1/2", 10.2#, N-80, HD Lock-It tbg. Hydrotest all tbg to 9000 psi while GIH. Set packer at 6675' with 25-30,000# compression and land tbg. Remove BOP and install tree. Test wellhead pack-off seals to appropriate pressure. Test tbg-csg annulus to 1500 psi.
7. Swab fluid level down to 5000'.
8. RU full wireline lubricator with grease and GIH with 2-1/2" expendable Power Pak guns (4 spf, 0 degree phasing). Perforate Upper Green River from 6821' to 6956' as per attached list.
9. Flow or swab test and catch water samples for analysis. If possible, catch an oil sample for emulsion test. If well begins flowing a significant amount of gas (>100 mcfpd), do not shut well in for any reason other than safety concerns. Sell or flare the gas at all times to avoid formation damage or plugging.
10. If stimulation is necessary, install tree saver and acidize perms 6821-6956' down 3-1/2" tbg with 7600 gallons 15% HCL containing appropriate additives including 2000 scf/bbl of CO₂. Flush with 2% KCL water containing non-emulsifying agent and 2000 scf/bbl CO₂. Use ball sealers for diversion. Tag acid with one RA isotope.
11. Remove tree saver and flow or swab back the load. Catch water samples for analysis. If well begins flowing a significant amount of gas (>100 mcfpd), do not shut well in for any reasons other than safety concerns. Sell or flare the gas at all times to avoid formation damage or plugging.
12. With well flowing, run tracer/production logs if appropriate.
13. If well is a commercial success, construct tank battery and connect gas sales line and fuel gas line.

Jess Dullnig
Neola, Utah
4-25-95

4/18/95

PENNZOIL #1-11A2 (3-11C) MECHAM

**PROPOSED UPPER GREEN RIVER
TG2.2, TG2.3, TG2.35, TG2.5 AND TG2.7
RECOMPLETION**

<u>Perf Interval</u>	<u>Net</u>	<u>SPF</u>	<u>Holes</u>
6821-6825	4	4	16
6828-6860	32	4	128
6876-6882	6	4	24

<u>Perf Interval</u>	<u>Net</u>	<u>SPF</u>	<u>Holes</u>
6910-6918	8	4	32
6930-6956	26	4	104

Gross Interval: 6821'-6956' 135' Gross

Net Feet of Perfs: 76

Number of Intervals: 5

Number of Holes: 304

Depth Control: GR on BHC SONIC LOG-GR dated 11/10/68

Comments: According to Corey's memo of 12/5/94, the estimated TOC is 7950'. It is critical to get an adequate cement job across the above recommended perforations, however, Pennzoil will eventually perforate the interval 6600'-9800'.

Interpreter: Ron Schneider

VIRGIL MECHAM 1-11A2
CURRENT CONDITIONS
25-Apr-95

10-3/4" @ 524'

Sq holes at 4590-93 cmt'd w/ 200 sxs

Sq holes at 5700-03 cmt'd w/ 150 sxs

6821'
 Proposed Perfs
 6956'

TOC 7950' by CBL from 1987

10,330'

10,324'

Open Lower Green River Perfs

10,430'

Old Lower Green River Perfs
 (squeezed 1968, 1969, 1987)

Current PBTD - 10,450' (fill and junk)

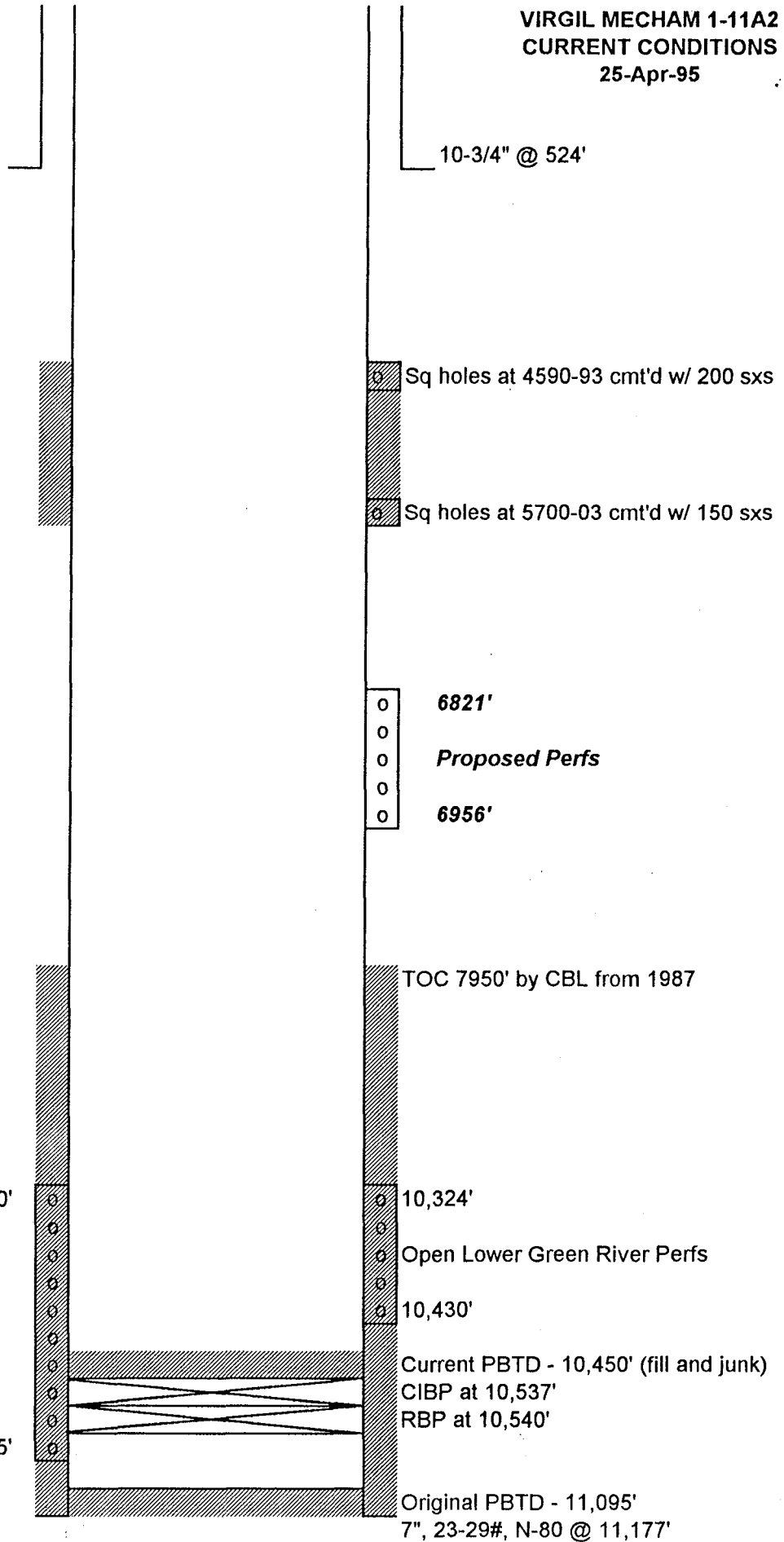
CIBP at 10,537'

RBP at 10,540'

10,625'

Original PBTD - 11,095'

7", 23-29#, N-80 @ 11,177'



**VIRGIL MECHAM 1-11A2
CEMENTING PROPOSAL
25-Apr-95**

10-3/4" @ 524'

2-7/8" tbg

Sq holes at 4590-93 cmt'd w/ 200 sxs

Sq holes at 5700-03 cmt'd w/ 150 sxs

Proposed squeeze holes at 6550'

6821'

Proposed Perfs

6956'

Proposed cement retainer at 7150'

Proposed squeeze holes at 7200'

TOC 7950' by CBL from 1987

Proposed CIBP at 8200'

10,330'

10,324'

Open Lower Green River Perfs

10,430'

Old Lower Green River Perfs
(squeezed 1968, 1969, 1987)

Current PBTD - 10,450' (fill and junk)

CIBP at 10,537'

RBP at 10,540'

10,625'

Original PBTD - 11,095'

7", 23-29#, N-80 @ 11,177'

**VIRGIL MECHAM 1-11A2
THRU TBG PERF PROPOSAL
25-Apr-95**

10-3/4" @ 524'

3-1/2" tbg

Sq holes at 4590-93 cmt'd w/ 200 sxs

Sq holes at 5700-03 cmt'd w/ 150 sxs

Proposed squeeze holes at 6550'

Proposed packer at 6675'

6821'

Proposed Perfs

6956'

Proposed cement retainer at 7150'

Proposed squeeze holes at 7200'

TOC 7950' by CBL from 1987

Proposed CIBP at 8200'

10,330'

10,324'

Open Lower Green River Perfs

10,430'

Old Lower Green River Perfs
(squeezed 1968, 1969, 1987)

Current PBTD - 10,450' (fill and junk)

CIBP at 10,537'

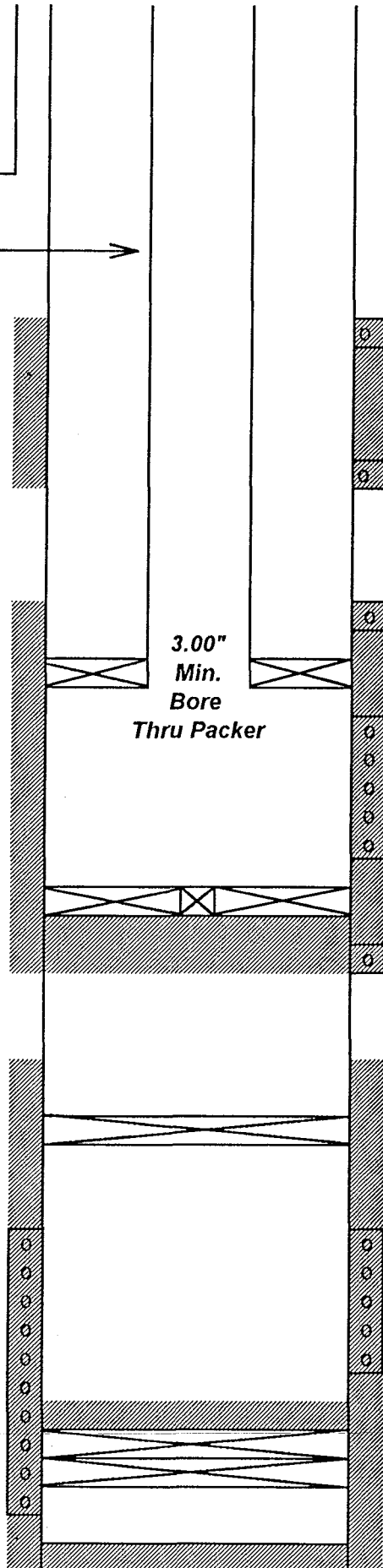
RBP at 10,540'

10,625'

Original PBTD - 11,095'

7", 23-29#, N-80 @ 11,177'

3.00"
Min.
Bore
Thru Packer



UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Other _____
(Originally drilled in 1968 and completed in the Lower Green River, this well has now been recompleted in the Upper Green River)

b. TYPE OF COMPLETION: NEW WELL ☐ WORKOVER ☒ DEEPEN ☐ PLUG BACK ☒ DIFF. RESVR. ☒ Other _____

2. NAME OF OPERATOR

Pennzoil Company

3. ADDRESS OF OPERATOR

P.O. Box 290 Neola, Utah 84053 (801) 353-4397

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)

At surface 1320' FNL & 1445' FEL
At top prod. interval reported below Same
At total depth Same

14. PERMIT NO.

API 43-013-30009-00

DATE ISSUED

5. LEASE DESIGNATION AND SERIAL NO.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

CA 96107

8. FARM OR LEASE NAME

Virgil Mecham

9. WELL NO.

1-11A2

10. FIELD AND POOL, OR WILDCAT

Bluebell

11. SEC., T., R., M., OR BLOCK AND SURVEY
OR AREA

Section 11, T1S, T2W

12. COUNTY OR PARISH

Duchesne

13. STATE

Utah

15. DATE SPUDDED

8/27/68

16. DATE T.D. REACHED

11/8/68

17. DATE COMPL. (Ready to produce)

8/2/95 (this recompletion)

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)

5920' GR

19. ELEV. CASINGHEAD

5918'

20. TOTAL DEPTH, MD & TVD

11,180 (in 1968)

21. PLUG BACK T.D., MD & TVD

7180' (7/14/95)

22. IF MULTIPLE COMPL., HOW MANY

23. INTERVALS

ROTARY TOOLS

CABLE TOOLS

DRILLED BY:

All

24. PRODUCING INTERVAL(S) OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)

6500' to 7180' Upper Green River

25. WAS DIRECTIONAL SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

OWP Acoustic Cement Bond log was run during this recompletion.

27. WAS WELL CORED

No

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB/FT	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
10-3/4"	40.5#	524'	12-1/4"	400 sxs 50/50 POZ & 100 sxs class G	None
7"	23/26/29#	11,177'	8-3/4"	Stage 1: 250 sxs 50/50 POZ	
				Stage 2: (DV tool @ 9958') 575 sxs 50/50	
				POZ & 100 sxs class G.	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-7/8"	6438'	6438'

31. PERFORATING RECORD

(Interval, size and number)

6500-7180' (6 intervals, 310 holes)

32. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
No stimulation treatment or cementing performed during this recompletion.	

33. PRODUCTION

DATE FIRST PRODUCTION 8/2/95		PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump) Flowing				WELL STATUS (Producing or shut-in) Producing	
DATE OF TEST 8/2/95	HOURS TESTED 15	CHOKE SIZE 6/64"	PRODUCTION FOR OIL - BBLS TEST PERIOD: 0		GAS - MCF 260	WATER - BBLS 0	GAS - OIL RATIO NA
FLOW. TBG PRESS. 1500 psi	CASING PRESSURE 0 psi	CALCULATED 24 - HOUR RATE:	OIL - BBLS 0		GAS - MCF 420	WATER - BBLS 0	OIL GRAVITY-API NA

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

Gas will be flared for a few days while waiting on construction of Gary Energy Company gas line

TEST WITNESSED BY

Jess Dullnig

35. LIST OF ATTACHMENTS

None

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

Jess Dullnig

TITLE

Senior Petroleum Engineer

DATE

8/4/95

*(See Instructions and Spaces for Additional Data on Reverse Side)

37. SUMMARY OF PORUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries):

38. GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEASURED DEPTH	TRUE VERT. DEPTH
				Green River	6670'	
				Green River TGR3	9830'	

UNITED STATES
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SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT -" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas well <input type="checkbox"/> Other	5. Lease Designation and Serial No. 7. If unit or CA, Agreement Designation CA 96107
2. Name of Operator Pennzoil Company	8. Well Name and No. Virgil Mecham 1-11A2
3. Address and Telephone No. P.O. Box 290 Neola, Utah 84053 (801) 353-4397	9. API Well No. 43-013-30009-00
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 1320' FNL and 1445' FEL of Section 11, T1S, R2W	10. Field and Pool, or Exploratory Area Bluebell
	11. County or Parish, State Duchesne, Utah

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment	<input type="checkbox"/> Change of Plans
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion	<input type="checkbox"/> New Construction
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Casing repair	<input type="checkbox"/> Water Shut-off
	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Conversion to Injection
	<input checked="" type="checkbox"/> Other <u>First day of production.</u>	<input type="checkbox"/> Dispose Water
<small>(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)</small>		

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work)

The purpose of this Sundry Notice is to notify the BLM of the first day of production from new Upper Green River perms 6500-7180'. Pennzoil should begin selling gas to Gary Energy 8-18-95.

14. I hereby certify that the foregoing is true and correct			
Signed	<u>Jess Dullnig</u>	Title	<u>Petroleum Engineer</u>
		Date	<u>18-Aug-95</u>
(This space of Federal or State office use.)			

Approved by	Title	Date
Conditions of approval, if any:		



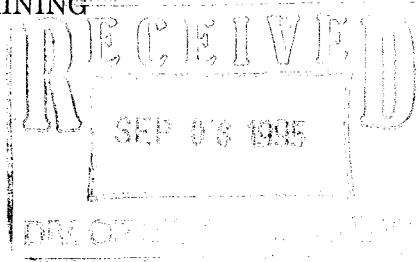
State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt
Governor

Ted Stewart
Executive Director

James W. Carter
Division Director

355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
801-538-5340
801-359-3940 (Fax)
801-538-5319 (TDD)



RECEIVED
SEP 1 1995
FIELD OFFICE

August 22, 1995

Mr. Jess Dullnig
Pennzoil Company
P. O. Box 290
Neola, Utah 84053

Re: Virgil Mecham 1-11A2, API No. 43-013-30009
Submittal of Electric and Radioactivity Logs

Dear Mr. Dullnig:

We have not received the logs for the referenced well. The Well Completion Report indicates that an **OWP Acoustic Cement Bond log was run during this recompletion**. Please submit a copy of that log to this office as soon as possible.

Your help in this matter will be greatly appreciated. If you have questions regarding this request, please contact me at (801)538-5340.

Sincerely,

Vicky Dyson
Production Group Supervisor

cc: R. J. Firth
D. T. Staley
L. D. Clement
Log File

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

AUG 24 1995

SUNDRY NOTICES AND REPORTS ON WELLS

FIELD OFFICE

Do not use this form for proposals to drill or deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT -" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☐ Oil Well ☒ Gas well ☐ Other

2. Name of Operator

Pennzoil Company

3. Address and Telephone No.

P.O. Box 290 Neola, Utah 84053 (801) 353-4397

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1320' FNL and 1445' FEL of Section 11, T18, R2W

5. Lease Designation and Serial No.

6. If Indian, Allottee or Tribe Name

7. If unit or CA, Agreement Designation

CA 98107

8. Well Name and No.

Virgil Mechem 1-11A2

9. API Well No.

43-013-30008-00

10. Field and Pool, or Exploratory Area

Bluebell

11. County or Parish, State

Duchesne, Utah

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

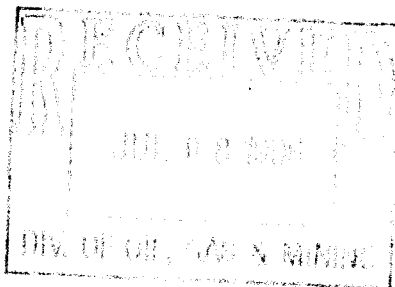
TYPE OF ACTION

- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing repair
☐ Altering Casing
☒ Other First day of production.
☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work)

The purpose of this Sundry Notice is to notify the BLM of the first day of production from new Upper Green River perms 6500-7180'. Pennzoil should begin selling gas to Gary Energy 8-18-95.



RECEIVED
AUG 22 1995

14. I hereby certify that the foregoing is true and correct

Signed Jess Dullin Title Petroleum Engineer

Date 18-Aug-95

(This space of Federal or State office use.)

Approved by

NOTED

Title

Date AUG 24 1995

Conditions of approval, if any:

San Credit 3/14/96.

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly to make to any department of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

OPERATOR

8 #135468451:7

NEOLA-

SENT BY:Xerox Telecopier 7020 : 3-28-96 : 10:45AM :

OPERATOR CHANGE WORKSHEET**ROUTING**

1. GLH		4-KAS
2. CDW ✓		5-SJ ✓
3. JLT		6-FILE

Enter date after each listed item is completed

Change of Operator (Well Sold)

Designation of Agent

Operator Name Change (Only)

X MergerThe operator of the well(s) listed below has changed, effective: **04-1-2000**

FROM: (Old Operator):
PENNZOIL COMPANY
Address: P. O. BOX 290
NEOLA, UT 84053
Phone: 1-(435)-353-4121
Account No. N0705

TO: (New Operator):
DEVON ENERGY EXPL & PROD CO LP
Address: 20 NORTH BROADWAY STE 1500
OKLAHOMA CITY, OK 73102-8260
Phone: 1-(405)-235-3611
Account N1275

CA No.

Unit:

WELL(S)

NAME		API NO.	ENTITY NO.	SEC. TWN RNG	LEASE TYPE	WELL TYPE	WELL STATUS
CHASEL 1-18A1	CA (9628)	43-013-30030	5805	18-01S-01W	FEE	OW	P
STATE 3-18A1	CA (9C142)	43-013-30369	5810	18-01S-01W	FEE	OW	P
MCELPRANG 2-30A1	CA (NW625)	43-013-31326	11252	30-01S-01W	FEE	OW	P
VIRGIL MECHAM 1-11A2	CA (96107)	43-013-30009	5760	11-01S-02W	FEE	GW	P
BOREN 3-11A2	CA (96107)	43-013-31192	5472	11-01S-02W	FEE	OW	P
OLSEN 1-12A2	CA (UTU77363)	43-013-30031	5880	12-01S-02W	FEE	OW	S
BOREN 1-14A2	CA (NW498)	43-013-30035	5885	14-01S-02W	FEE	OW	P
CORNBY 2-14A2	CA (NW498)	43-013-31299	11228	14-01S-02W	FEE	OW	P
MITCHELL 2-4B1	CA (9662)	43-013-31317	11231	04-02S-01W	FEE	OW	P
ROBERTSON UTE 2-2B2	CA (9682)	43-013-30921	5472	02-02S-02W	FEE	OW	P
MARGUERITE 2-8B2	CA (96102)	43-013-30807	2303	08-02S-02W	FEE	OW	S
SHERMAN 2-12B2	CA (9690)	43-013-31238	11009	12-02S-02W	FEE	OW	P
MILES 7-7B3	CA (9675)	43-013-31245	11025	07-02S-03W	FEE	OW	S
CHRISTIANSEN 2-12B1	CA (96101)	43-047-32178	11350	12-02S-01W	FEE	OW	P
ROBERTSON UTE ST 1-12B1	CA (96101)	43-047-30164	5475	12-02S-01W	FEE	OW	S
MAY UTE FEDERAL 1-3B1	CA (9675)	43-047-30176	5435	13-02S-01W	FEE	OW	P
RICH 2-13B1	CA (9675)	43-047-32744	12046	13-02S-01W	FEE	OW	P

OPERATOR CHANGES DOCUMENTATION

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 04/20/2000
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 04/20/2000
- The new company has been checked through the **Department of Commerce, Division of Corporations Database** on: 10/12/2000

4. Is the new operator registered in the State of Utah: YES Business Number: 4549132-0143
5. If **NO**, the operator was contacted on: _____
6. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the (merger, name change, or operator change for all wells listed on Federal or Indian leases on: 02/16/2000
7. **Federal and Indian Units:** The BLM or BIA has approved the successor of unit operator for wells listed on: N/A
8. **Federal and Indian Communization Agreements ("CA"):** The BLM or the BIA has approved the operator change for all wells listed involved in a CA on: N/A
9. **Underground Injection Control ("UIC") Pro:** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: N/A

DATA ENTRY:

1. Changes entered in the **Oil and Gas Database** on: 11/22/2000
2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 11/22/2000
3. Bond information entered in RBDMS on: 11/22/2000
4. Fee wells attached to bond in RBDMS on: 11/22/2000

STATE BOND VERIFICATION:

1. State well(s) covered by Bond No.: N/A

FEE WELLS - BOND VERIFICATION/LEASE INTEREST OWNER NOTIFICATION:

1. (R649-3-1) The **NEW** operator of any fee well(s) listed has furnished a bond: 71S100753026-70
2. The **FORMER** operator has requested a release of liability from their bond on: N/A
The Division sent response by letter on: N/A
3. (R649-2-10) The **FORMER** operator of the Fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: 11/26/2000

FILMING:

1. All attachments to this form have been **MICROFILMED** on: 2.26.01

FILING:

1. **ORIGINALS/COPIES** of all attachments pertaining to each individual well have been filled in each well file on: _____

COMMENTS:



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, UT 84145-0155

RECEIVED
FEB 17 2000
DIVISION OF
OIL, GAS AND MINING

In Reply Refer To:
3106
U-0575A et al
(UT-932)

FEB 16 2000

NOTICE

Devon Energy Production Company L.P.	:	Oil and Gas
20 North Broadway, Suite 1500	:	U-0575A et al
Oklahoma City, Oklahoma 73102-8260	:	

Merger Recognized

Acceptable evidence has been filed in this office concerning the merger of Devon Energy Corporation (Nevada) and PennzEnergy Exploration and Production Company, L.L.C. into Devon Energy Production Company, L.P. with that company being the surviving entity.

The oil and gas lease files listed on the enclosed exhibit have been noted as to the merger. The exhibit was compiled from your list of leases, and a list of leases obtained from our computer system. We have not attempted to identify leases where the entities are the operator on the ground maintaining no vested record title or operating rights interests. We are notifying the Minerals Management Service and all applicable Bureau of Land Management offices of the merger by a copy of this notice. If additional documentation for changes of operator are required by our Field Offices, you will be contacted by them.

PennzEnergy Company assigned 100 percent of the record title interest, in the following leases on the list submitted by Devon Energy Production Company L.P., to Barrett Resources Corporation (Barrett) effective January 1, 2000.

U-0143511
U-0143512

U-4377
U-4378

UTU-67943

Subsequently, Barrett assigned 100 percent of the record title interest to Coastal Oil & Gas Corporation effective February 1, 2000. A copy of this notice is being placed in these files to cover any overriding royalty interest that would be held by the surviving entity.

Lease U-0115614A is held 100 percent by Flying J Oil & Gas. PennzEnergy Company holds 100 percent of the record title interest in lease U-3575. No record title assignment assigning the interest to PennzEnergy Exploration and Production Company, L.L.C. has been filed in this office. A copy of this notice will be placed in the lease files to cover any overriding royalty interest that would be held by the surviving entity.

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

DESIGNATION OF AGENT OR OPERATOR

The undersigned is, on record, the holder of oil and gas lease

LEASE NAME: As per the attached spreadsheet.

LEASE NUMBER: _____

and hereby designates

NAME: Devon Energy Production Company, L.P.

ADDRESS: 20 North Broadway, Suite 1500, Oklahoma City, OK 73102-8260

as his agent ☐/operator ☒ with full authority to act in his behalf in complying with the terms of the lease and regulations applicable thereto and on whom the Division Director or Authorized Agent may serve written or oral instructions in securing compliance with the Oil and Gas Conservation General Rules and Procedural Rules of the Board of Oil, Gas and Mining of the State of Utah with respect to:

(Describe acreage to which this designation is applicable, and identify each applicable oil and gas well by name and API number. Attach additional pages as needed.)

See attached spreadsheet.

Note: Please use April 1, 2000 as the starting date for production reporting purposes.

RECEIVED

APR 20 2000

DIVISION OF
OIL, GAS AND MINING

It is understood that this designation of agent/operator does not relieve the lessee of responsibility for compliance with the terms of the lease and the Oil and Gas Conservation General Rules and Procedural Rules of the Board of Oil, Gas and Mining of the State of Utah. It is also understood that this designation of agent or operator does not constitute an assignment of any interest in the lease.

In case of default on the part of the designated agent/operator, the lessee will make full and prompt compliance with all rules, lease terms or orders of the Board of Oil, Gas and Mining of the State of Utah or its authorized representative.

The lessee agrees to promptly notify the Division Director or Authorized Agent of any change in this designation.

Effective Date of Designation: January 1, 2000

BY: (Name) R. D. Clark

(Signature) 

(Title) Vice President

(Phone) 405-235-3611

OF: (Company) PennzEnergy Exploration and Production Company, L.L.C.

(Address) 20 North Broadway, Suite 1500

Oklahoma City, OK 73102-8260

Leases U-61343, UTU-64532, UTU-66485 and UTU-75200 have expired and are closed on the records of this office.

An assumption rider for BLM Bond No. CO1104 has been filed in the Colorado State Office.

/s/ Robert Lopez

Robert Lopez
Chief, Branch of
Minerals Adjudication

Enclosure
Exhibit

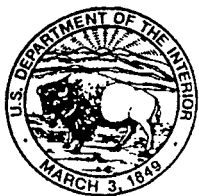
cc: Vernal Field Office (w/encl.)
Moab Field Office (w/encl.)
MMS, Reference Data Branch, MS3130, P.O. Box 5860, Denver, CO 80217 (w/encl.)
State of Utah, DOGM, Attn: Kristen Risbeck (Ste. 1210), Box 145801, SLC, UT (w/encl.)
Teresa Thompson (UT-931) (w/encl.)
Irene Anderson (UT-932) (w/encl.)
LaVerne Steah (UT-942) (w/encl.)

Exhibit of Leases

U-0575A	U-0141459	U-4377
U-01188B	U-0143511	U-4378
U-016654	U-0143512	U-16131
U-0115614A	U-0144868A	U-31262
U-0115615	U-3099	U-44426
U-0126825	U-3575	UTU-67943
U-0141454	UTU-74888	

Communitization Agreements

U-58774	U-58835	U-60827
U-58799	U-58839	U-60831
U-58830	U-58844	U-68998
U-58834	U-58854	



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, UT 84145-0155

In Reply Refer To:
3100
U-4377
UTU-66485
(UT-932)

MAR 26 1999

NOTICE

PennzEnergy Exploration and Production L.L.C. : Oil and Gas
P.O. Box 2967 :
Houston, TX 77252-2967 :

Merger Recognized

Acceptable evidence has been filed in this office concerning the merger of Pennzoil Exploration and Production Company into PennzEnergy Exploration and Production L.L.C. with PennzEnergy Exploration and Production L.L.C. being the surviving entity.

For our purposes, the merger is recognized effective December 28, 1998, (Secretary of State's approval date).

Oil and gas lease files U-4377 and UTU-66485 have been noted as to the merger. The lease file numbers were obtained from a list of leases drawn from our Automated Land and Mineral Record System (ALMRS). We have not abstracted the lease files to determine if the entity affected by the merger holds an interest in the leases identified nor have we attempted to identify leases where the entity is the operator on the ground maintaining no vested record title or operating rights interests. We are notifying the Minerals Management Service and all applicable Bureau of Land Management offices of the change by a copy of this notice. If additional documentation for changes of operator are required by our Field Offices, you will be contacted by them.

By recognition of the merger, the principal/obligor is automatically changed by operation of law from Pennzoil Exploration and Production Company to PennzEnergy Exploration and Production L.L.C. on Bond No. 8023 29 91 (BLM Bond No. NM0043). The principal/obligor is also automatically changed from Pennzoil Exploration and Production Company to PennzEnergy Exploration and Production L.L.C. on Bond No. 8134-90-99 (BLM Bond No. NM2142).

IRENE J. ANDERSON

Irene J. Anderson
Acting Group Leader,
Minerals Adjudication Group

cc: Moab Field Office
Vernal Field Office
MMS, Reference Data Branch, MS 3130, Box 5860, Denver, CO 80217
State of Utah, DOGM, Attn: Kristen Risbeck (Ste. 1210), Box 145801, SLC, UT 84114-5801
Teresa Thompson (UT-931)



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, UT 84145-0155

In Reply Refer To:
3100
U-0115615 et al
(UT-932)

MAR 26 1999

NOTICE

PennzEnergy Company
P.O. Box 2967
Houston, TX 77252-2967

: Oil and Gas
:
:

Merger Recognized

Acceptable evidence has been filed in this office concerning the merger of PennzEnergy Company into Pennzoil Company with PennzEnergy Company being the surviving entity.

For our purposes, the merger is recognized effective December 30, 1998, (Secretary of State's approval date).

The oil and gas lease files and communitization agreement computer files identified on the enclosed exhibit have been noted as to the merger. The exhibit was compiled from a list of leases obtained from our Automated Land and Mineral Record System (ALMRS). We have not abstracted the lease files to determine if the entity affected by the merger holds an interest in the leases identified nor have we attempted to identify leases where the entity is the operator on the ground maintaining no vested record title or operating rights interests. We are notifying the Minerals Management Service and all applicable Bureau of Land Management offices of the change by a copy of this notice. If additional documentation for changes of operator are required by our Field Offices, you will be contacted by them.

By recognition of the merger, the principal/obligor is automatically changed by operation of law from Pennzoil Company to PennzEnergy Company on Bond No. 8134-90-99 (BLM Bond No. NM2142).

IRENE J. ANDERSON

Irene J. Anderson
Acting Group Leader,
Minerals Adjudication Group

Enclosure

Exhibit

cc: Moab Field Office
Vernal Field Office
MMS, Reference Data Branch, MS 3130, Box 5860, Denver, CO 80217
State of Utah, DOGM, Attn: Kristen Risbeck (Ste. 1210), Box 145801, SLC, UT 84114-5801
Teresa Thompson (UT-931)

Devon Energy Production Company, L.P.

Certificate of Merger

FILED

DEC 30 1999

OKLAHOMA SECRETARY
OF STATE

TO: The Oklahoma Secretary of State
101 State Capitol
Oklahoma City, Oklahoma 73105

Devon Energy Production Company, L.P., a limited partnership organized under the laws of the State of Oklahoma, for the purpose of filing a Certificate of Merger pursuant to the provisions of 54 O.S. § 310.1, does hereby execute the following Certificate of Merger:

1. The name and jurisdiction of formation or organization of each of a domestic limited partnership, a foreign corporation and a foreign limited liability company which are to merge are:

<u>Name of Organization</u>	<u>Type of Organization</u>	<u>Jurisdiction of Formation</u>
Devon Energy Production Company, L.P.	Limited Partnership	Oklahoma
Devon Energy Corporation (Nevada)	Corporation	Nevada
PennzEnergy Exploration and Production Company, L.L.C.	Limited Liability Company	Delaware

2. An Agreement of Merger has been approved and executed by the limited partnership, the corporation and the limited liability company which are to merge.

3. The name of the surviving or resulting limited partnership is:

Devon Energy Production Company, L.P.

4. The merger shall be effective upon the filing of this Certificate of Merger with the Secretary of State of Oklahoma.

5. The Agreement of Merger is on file at the place of business of the surviving limited partnership at 1500 Mid-America Tower, 20 North Broadway, Oklahoma City, Oklahoma 73102.

6. A copy of the Agreement of Merger shall be furnished by the surviving or resulting limited partnership, upon request and without cost, to any partner of any limited partnership or any person holding an interest in any other business entity which is to merge.

RECEIVED

MAR 13 2000

**DIVISION OF
OIL, GAS AND MINING**

DATED as of the 30th day of December, 1999.

Devon Energy Management Company, L.L.C.
General Partner

By: J. Larry Nichols
J. Larry Nichols, Manager

RECEIVED

MAR 13 2000

DIVISION OF
OIL, GAS AND MINING

LD635381-001

OFFICE OF THE SECRETARY OF STATE



CERTIFICATE OF MERGER

WHEREAS,

DEVON ENERGY PRODUCTION COMPANY, L.P.

a limited partnership organized under the laws of the State of OKLAHOMA, has filed in the office of the Secretary of State duly authenticated evidence of a merger whereby said limited partnership is the survivor, as provided by the laws of the State of Oklahoma.

NOW THEREFORE, I, the undersigned Secretary of State of Oklahoma, by virtue of the powers vested in me by law, do hereby issue this Certificate evidencing such merger.

IN TESTIMONY WHEREOF, I hereunto set my hand and cause to be affixed the Great Seal of the State of Oklahoma.

Filed in the City of Oklahoma City this 30TH
day of DECEMBER, 1999.



Mike Hunter
Secretary of State
By: *Burt Boone*

RECEIVED

APR 20 2000

DEVON ENERGY PRODUCTION COMPANY, L.P.

UTAH PROPERTIES

DIVISION OF
OIL, GAS AND MINING

	<u>API NO.</u>	<u>WELL NAME & NO.</u>	<u>LOCATION</u>	<u>COUNTY</u>	<u>FIELD NAME</u>	<u>LEASE NO. / AGREEMENT NO.</u>
1	4301330005	CLYDE MURRAY 1-2A2	SESW-2-1S-2W	DUCHESNE	BLUEBELL	
2	4301330006	STATE 1-10A2	SWNE-10-1S-2W	DUCHESNE	BLUEBELL	
3	4301330009	VIRGIL MECHAM 1-11A2	W/2NE-11-1S-2W	DUCHESNE	BLUEBELL	96107
4	4301330011	VICTOR C BROWN 1-4A2	NESE-4-1S-2W	DUCHESNE	BLUEBELL	
5	4301330017	DOUG BROWN 1-4A2	SESW-4-1S-2W	DUCHESNE	BLUEBELL	
6	4301330030	CHASEL 1-18A1	NWNE-18-1S-1W	DUCHESNE	BLUEBELL	9628
7	4301330031	OLSEN 1-12A2	SWNE-12-1S-2W	DUCHESNE	BLUEBELL	UTU77363
8	4301330035	BOREN 1-14A2	NWSW-14-1S-2W	DUCHESNE	BLUEBELL	NW498
9	4301330042	UTE 2-12A3	NESW-12-1S-3W	DUCHESNE	BLUEBELL	1420H621576 Terminated 8-3-93
10	4301330086	L BOREN U 3-15A2	NESW-15-1S-2W	DUCHESNE	BLUEBELL	
11	4301330099	LAMICQ URRUTY U 3-17A2	NWSE-17-1S-2W	DUCHESNE	BLUEBELL	
12	4301330107	L BOREN U 5-22A2	SWNE-22-1S-2W	DUCHESNE	BLUEBELL	
13	4301330115	L BOREN U 4-23A2	SESW-23-1S-2W	DUCHESNE	BLUEBELL	
14	4301330119	VERL JOHNSON 1-27A2	SWNE-27-1S-2W	DUCHESNE	BLUEBELL	
15	4301330120	TOMLINSON FED 1-25A2	SESW-25-1S-2W	DUCHESNE	BLUEBELL	NW537
16	4301330123	L BOREN U 6-16A2	NWSE-16-1S-2W	DUCHESNE	BLUEBELL	
17	4301330125	UTE 3-18A2	NESW-18-1S-2W	DUCHESNE	BLUEBELL	1420H621750
18	4301330130	WOODWARD 1-21A2	SWNE-21-1S-2W	DUCHESNE	BLUEBELL	NW590
19	4301330133	LAMICQ 1-20A2	SWNE-20-1S-2W	DUCHESNE	BLUEBELL	
20	4301330136	UTE 1-6B3	NWNE-6-2S-3W	DUCHESNE	ALTAMONT	14204621778 / 9651
21	4301330142	SMITH UTE 1-18C5	NWNE-18-3S-5W	DUCHESNE	ALTAMONT	1420H622392
22	4301330143	MAUREL TAYLOR FEE 1-36A2	NESW-36-1S-2W	DUCHESNE	BLUEBELL	
23	4301330200	L ROBERTSON ST 1-1B2	NESW-1-2S-2W	DUCHESNE	BLUEBELL	
24	4301330212	LAMICQ UTE 1-5B2	NWSE-5-2S-2W	DUCHESNE	BLUEBELL	1420H621806 / 9683
25	4301330236	CAMPBELL UTE ST 1-7B1	SESW-7-2S-1W	DUCHESNE	BLUEBELL	1420H621970 / 9686
26	4301330245	SMITH ALBERT 1-8C5	SENE-8-3S-5W	DUCHESNE	ALTAMONT	
27	4301330294	FRESTON ST 1-8B1	NESW-8-2S-1W	DUCHESNE	BLUEBELL	

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DEVON ENERGY PRODUCTION COMPANY, L.P.

DIVISION OF
OIL, GAS AND MINING

UTAH PROPERTIES

	<u>API NO.</u>	<u>WELL NAME & NO.</u>	<u>LOCATION</u>	<u>COUNTY</u>	<u>FIELD NAME</u>	<u>LEASE NO. / AGREEMENT NO.</u>
28	4301330297	GEORGE MURRAY 1-16B1	SENW-16-2S-1W	DUCHESNE	BLUEBELL	
29	4301330307	UTE ALLOTTED 1-36Z2	NWSE-36-1N-2W	DUCHESNE	BLUEBELL	1420H621676 / 9C124
30	4301330347	LAMICQ URRUTY U 4-5A2	SENW-5-1S-2W	DUCHESNE	BLUEBELL	
31	4301330359	H G COLTHARP 1-15B1	SENW-15-2S-1W	DUCHESNE	BLUEBELL	
32	4301330369	STATE 3-18A1	NESW-18-1S-1W	DUCHESNE	BLUEBELL	9C142
33	4301330564	D L GALLOWAY 1-14B2	SWNE-14-2S-2W	DUCHESNE	BLUEBELL	
34	4301330807	MARGUERITE 2-8B2	SENW-8-2S-2W	DUCHESNE	BLUEBELL	96102
35	4301330809	LAMICQ 2-6B1	NWSE-6-2S-1W	DUCHESNE	BLUEBELL	
36	4301330821	DILLMAN 2-28A2	SWNE-28-1S-2W	DUCHESNE	BLUEBELL	
37	4301330903	HAMBLIN 2-26A2	SWNE-26-1S-2W	DUCHESNE	BLUEBELL	
38	4301330912	RACHEL JENSEN 2-16C5	NENW-16-3S-5W	DUCHESNE	ALTAMONT	
39	4301330921	ROBERTSON UTE 2-2B2	NENE-2-2S-2W	DUCHESNE	BLUEBELL	9682
40	4301330975	JOHN 2-3B2	NWNE-3-2S-2W	DUCHESNE	BLUEBELL	
41	4301330995	LAMICQ ROBERTSON STATE 2-1B2	SWNE-1-2S-2W	DUCHESNE	BLUEBELL	
42	4301331009	UTE 2-7A2	CNE-7-1S-2W	DUCHESNE	BLUEBELL	1420462811
43	4301331147	HATCH 2-3B1	SENW-3-2S-1W	DUCHESNE	BLUEBELL	
44	4301331151	NORLING 2-9B1	SWSW-9-2S-1W	DUCHESNE	BLUEBELL	
45	4301331184	SHAW 2-27A2	SESW-27-1S-2W	DUCHESNE	BLUEBELL	
46	4301331190	LAMICQ URRUTY 4-17A2	SENW-17-1S-2W	DUCHESNE	BLUEBELL	
47	4301331191	LAMICQ 2-20A2	SESE-20-1S-2W	DUCHESNE	BLUEBELL	
48	4301331192	BOREN 3-11A2	SWSW-11-1S-2W	DUCHESNE	BLUEBELL	96107
49	4301331203	FRESTON 2-8B1	SWNE-8-2S-1W	DUCHESNE	BLUEBELL	
50	4301331215	WISSE 3-35A2	SWSW-35-1S-2W	DUCHESNE	BLUEBELL	
51	4301331231	MECCA 2-8A2	SESE-8-1S-2W	DUCHESNE	BLUEBELL	
52	4301331232	MARK 2-25A2	NWNE-25-1S-2W	DUCHESNE	BLUEBELL	NW537
53	4301331233	DUNCAN 4-12A2	SWNW-12-1S-2W	DUCHESNE	BLUEBELL	UTU77363
54	4301331235	SWYKES 2-21A2	NWNW-21-1S-2W	DUCHESNE	BLUEBELL	NW590

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DEVON ENERGY PRODUCTION COMPANY, L.P.
UTAH PROPERTIES

DIVISION OF
OIL, GAS AND MINING

	<u>API NO.</u>	<u>WELL NAME & NO.</u>	<u>LOCATION</u>	<u>COUNTY</u>	<u>FIELD NAME</u>	<u>LEASE NO. / AGREEMENT NO.</u>
55	4301331238	SHERMAN 2-12B2	SWSE-12-2S-2W	DUCHESNE	BLUEBELL	9690
56	4301331245	MILES 7-7B3	SWNW-7-2S-3W	DUCHESNE	ALTAMONT	9675
57	4301331276	DUNCAN 4-2A2	NESE-2-1S-2W	DUCHESNE	BLUEBELL	
58	4301331278	HAMBLIN 3-9A2	SENE-9-1S-2W	DUCHESNE	BLUEBELL	
59	4301331285	DUNCAN 3-7A1	NWNW-7-1S-1W	DUCHESNE	BLUEBELL	
60	4301331286	BAR F 2-5B1	SWSE-5-2S-1W	DUCHESNE	BLUEBELL	
61	4301331299	CORNABY 2-14A2	NENE-14-1S-2W	DUCHESNE	BLUEBELL	NW498
62	4301331317	MITCHELL 2-4B1	SESW-4-2S-1W	DUCHESNE	BLUEBELL	9662
63	4301331321	SMITH 2-9C5	SWSW-9-3S-5W	DUCHESNE	ALTAMONT	
64	4301331322	LORANGER 2-24A2	N/2NE-24-1S-2W	DUCHESNE	BLUEBELL	
65	4301331325	UTE 2-6B3	SWSW-6-2S-3W	DUCHESNE	ALTAMONT	1420H621858 / 9651
66	4301331326	MCELPRANG 2-30A1	SWSW-30-1S-1W	DUCHESNE	BLUEBELL	NW625
67	4301331327	SMITH 2-7C5	NESW-7-3S-5W	DUCHESNE	ALTAMONT	1420H622389
68	4301331328	SMITH 2-18C5	SWSE-18-3S-5W	DUCHESNE	ALTAMONT	1420H622392
69	4301331329	UTE 2-24A3	SWNW-24-1S-3W	DUCHESNE	BLUEBELL	1420H621761
70	4301331330	UTE 5-19A2	NWNW-19-1S-2W	DUCHESNE	BLUEBELL	1420H621751
71	4301331332	EDWARDS 3-10B1	SWSW-10-2S-1W	DUCHESNE	BLUEBELL	
72	4301331333	SUNDANCE 4-15A2	SWNE-15-1S-2W	DUCHESNE	BLUEBELL	
73	4301331334	LORANGER 6-22A2	SWSW-22-1S-2W	DUCHESNE	BLUEBELL	
74	4301331335	COX 2-36A2	NWNW-36-1S-2W	DUCHESNE	BLUEBELL	
75	4301331338	SMITH 2-6C5	SESW-6-3S-5W	DUCHESNE	ALTAMONT	1420H622388 / UTU70553
76	4301331341	FRESTON 2-7B1	SENE-7-2S-1W	DUCHESNE	BLUEBELL	1420H621970 / 9686
77	4301331356	PEARSON 2-11B2	SENE-11-2S-2W	DUCHESNE	BLUEBELL	
78	4301331378	CHAPMAN 2-4B2	SWNW-4-2S-2W	DUCHESNE	BLUEBELL	
79	4301331390	LAMB 2-16A2	NENE-16-1S-2W	DUCHESNE	BLUEBELL	
80	4301331393	LABRUM 2-23A2	SWSW-23-1S-2W	DUCHESNE	BLUEBELL	
81	4301331820	POWELL 2-16B1	NENE-16-2S-1W	DUCHESNE	BLUEBELL	

DEVON ENERGY PRODUCTION COMPANY, L.P.
UTAH PROPERTIES

	<u>API NO.</u>	<u>WELL NAME & NO.</u>	<u>LOCATION</u>	<u>COUNTY</u>	<u>FIELD NAME</u>	<u>LEASE NO. / AGREEMENT NO.</u>
82	4304730164	ROBERTSON UTE ST 1-12B1	SWNE-12-2S-1W	UNITAH	BLUEBELL	96101
83	4304730176	MAY UTE FEDERAL 1-13B1	NWSE-13-2S-1W	UNITAH	BLUEBELL	NW673
84	4304731981	COOK 1-26B1	SWSW-26-2S-1W	UNITAH	BLUEBELL	UTU68998
85	4304732178	CHRISTIANSEN 2-12B1	SWSE-12-2S-1W	UNITAH	BLUEBELL	96101
86	4304732351	BALLARD 2-15B1	SENE-15-2S-1W	UNITAH	BLUEBELL	
87	4304732744	RICH 2-13B1	NWNW-13-2S-1W	UNITAH	BLUEBELL	NW673
88	4301320255	SWD 4-11A2	NWNW-11-1S-2W	DUCHESNE	BLUEBELL	96107
89	4301330021	SWD 1-3A2	SESE-3-1S-2W	DUCHESNE	BLUEBELL	
90	4301330346	SWD 2-28A2	NWSE-28-1S-2W	DUCHESNE	BLUEBELL	
91	4301330367	SWD 2-10B1	NWNW-10-2S-1W	DUCHESNE	BLUEBELL	
92	4301330389	SWD 2-26A2	NESW-26-1S-2W	DUCHESNE	BLUEBELL	
93	4301330388	SWD 2-17C5	SENE-17-3S-5W	DUCHESNE	BLUEBELL	

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DIVISION OF
OIL, GAS AND MINING

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: FEE
2. NAME OF OPERATOR: DEVON ENERGY PRODUCTION COMPANY, LP		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: UTE TRIBAL
3. ADDRESS OF OPERATOR: P.O. BOX 290 CITY NEOLA STATE UT ZIP 84066		7. UNIT or CA AGREEMENT NAME: CA 96107
PHONE NUMBER: (435) 353-4121		8. WELL NAME and NUMBER: VIRGIL MECHAM 1-11A2
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1320' FNL & 1445' FEL		9. API NUMBER: 4301330009
COUNTY: DUCHESNE		10. FIELD AND POOL, OR WILDCAT: BLUEBELL/ALTAMONT
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: 11 T1S R2W		STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: 3/24/2008	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input checked="" type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion:	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

It is Devon's intention to begin work on this well when rig is available and weather permitting-waiting for mud to dry.

The recompletion procedure is attached with specific details to perforate and test Upper Green River oil zone from 9,000 - 9,500'. Return to production from Upper Green River perforations.


Attachment: recompletion procedure

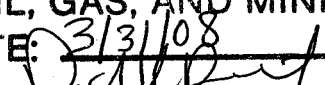
cc: BLM for CA purposes

COPY SENT TO OPERATOR

Date: 4.3.2008

Initials: KS

NAME (PLEASE PRINT) GEORGE GURR	TITLE PRODUCTION FOREMAN
SIGNATURE 	DATE 3/12/08

APPROVED BY THE STATE
(This space for State use only)
OF UTAH DIVISION OF
OIL, GAS, AND MINING
DATE: 3/31/08
BY: 
(5/2000)

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* A minimum 100' cement plug shall be placed on top of CIBP @ 10,250'
DIV. OF OIL, GAS & MINING

PROCEDURE:

1. MIRU workover rig , pull test rig anchors prior to rigging up.
2. ND wellhead, NU BOP and test BOP to 3000 psi. POOH with 2-7/8" tubing and packer.
3. PU bit and drill out retainer at 7180' and CIBP at 8200'. Continue in hole to 10430'. POOH
4. PU casing scraper and run to TD. Circulate hole clean. POOH
5. PU test packer and RIH to 10250', set packer and swab test LGR perforations.
6. Release the packer and circulate the hole clean. POOH with packer and set CIBP @ 10250'.
7. PU RBP and test packer and TIH. SET RBP at CIBP @ 10250' and packer at 7100'. Swab test for fluid entry.
8. Release packer and PU RBP and set RBP @ 6700' test RBP and set packer at 4500'. Test backside to 500 psi. Swab test tubing for fluid entry. POOH with plug and packer.
9. TIH with test packer to 10250', circulate hole clean. POOH laying down tubing to 7000' Set packer and NU wellhead. Move rig off location.
10. RU Schlumberger and run cased hole logs from PBTD to 7000'. WOO
11. MIRU workover rig, POOH with tubing and packer.
12. Perforate and test Upper Green River Oil zone from 9000' to 9500' from perforations to be determined from cased hole logging. Tgr3@ 9830'
13. Stimulate as needed.
14. Comingle with current UGR perforations.

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

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3. ADDRESS OF OPERATOR: P.O. BOX 290 CITY NEOLA STATE UT ZIP 84066		7. UNIT or CA AGREEMENT NAME: CA 96107
PHONE NUMBER: (435) 353-4121		8. WELL NAME and NUMBER: VIRGIL MECHAM 1-11A2
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1320' FNL & 1445' FEL		9. API NUMBER: 4301330009
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: 11 T1S R2W		10. FIELD AND POOL, OR WILDCAT: BLUEBELL/ALTAMONT
COUNTY: DUCHESNE		STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input checked="" type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: 5/6/2008	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Release and LD pkr @ 6,383'. Drill out retainer @ 7,195' & CIBP @ 8,200'. Set 7" pkr @ 10,265', swab test Lower Green River perforations 10,324 to 10,598'. Reset RBP @ 10,262' & pkr @ 10,251', swab test for fluid entry. Reset pkr @ 7,000' and run cased hole logs from 10,050 to 7,000'; release and LD RBP & pkr. Set cement retainer @ 10,266', cement w/ 60 sxs Class G premium cement, tag top of cement @ 9,888'. Perforate Upper Green River perforations 9,396 - 9,504', 4 intervals, 44', 88 holes; swab test perforations. Perforate Upper Green River perforations 9,023 - 9,342', 17 intervals, 64', 128 holes; swab test perforations. Set RBP @ 8,980' to isolate new perforations, run bottom hole assembly and set pkr @ 6,392'; return to production from Upper Green River perforations 6,821 - 6,956'.

Attachment: Well Chronology

NAME (PLEASE PRINT) GEORGE GURR

TITLE PRODUCTION FOREMAN

SIGNATURE

DATE

6/4/08

(This space for State use only)

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43-013-30009

devon.

BBA MECHAM VIRGIL B 1-11A2

Page 1 of 7

Well Chronology

Property #: 062830-001 WI%:				Tight Group: UNRESTRICTED			
State: UT		County: DUCHESNE		Spud Date: 8/27/1968			
Field Name: BLUEBELL				DHC: \$0		CC: \$233,652	
AFE #: 139993		AFE DRLG COST: \$0		AFE COMP COST: \$0		AFE TOTAL COST: \$0	
OPEN ZONES UP TO 06/03/08		TOP (ft)	BOT (ft)	TOT SH(ft)	STRINGS UP TO 06/03/08	O.D. (in.)	DEPTH (ft)
UPPER GREEN RIVER		9,023	9,504	42.00			
Event: RECOMPLETION				Start: 3/27/2008		End:	
Contr: POOL COMPANY/822		Rig Rls: 11/6/2004		TMD(ft):		PBTMD(ft):	
Object: COMPLETION		Prod Sup:		DHC(\$): \$0		CC(\$): \$233,652	
Date: 3/27/2008	Report #: 1	Daily Cost: \$7,691		Cum. Cost: \$7,691		TMD(ft):	
Other Reports for this day: None							
Activities							
SAFETY MTG: ND WH. SITP - VAC. HO PUMPED 90 BPW DOWN 2-7/8" TBG. RU NABORS 822, ND WH. NU BOPS. RD RIG FLOOR. NU POWER EQUIP. RELEASE RB PKR, POOH W/ 224 JTS 2-7/8" N80 TBG, LD PKR. PU & RIH W/ 6" BIT 3-1/2" X 2-7/8" EUE BIT SUB & 44 JTS 2-7/8" TBG. SWIFN.							
Date: 3/28/2008	Report #: 2	Daily Cost: \$5,870		Cum. Cost: \$13,561		TMD(ft):	
Other Reports for this day: None							
Activities							
SAFETY MTG: PU TUBING OFF FLOAT							
SITP - 200 PSI, SICP 200 PSI. BLED DN WELL. RIH W/ 180 JTS 2-7/8" TBG. PU & TIH W/ 3 JTS 2-7/8" TBG. TAG FILL @ 6965'. RU PUMP & PWR SWIVEL. PUMPED 180 BBL TO FILL CSG, TOOK 252 BBL TO CIRC. CLEANED OUT TO 6981', LOST CIRCULATION. LD 1 JT TBG, RU PWR EQUIP. TRIED TO FLUSH TBG, PRESSURED UP. PU 2 JTS TBG, PRESSURE TO 1000 PSI AND HELD. LOST 320 BBL TOTAL. EOT @ 6920'.							
SDFN							
Date: 3/29/2008	Report #: 3	Daily Cost: \$4,768		Cum. Cost: \$18,329		TMD(ft):	
Other Reports for this day: None							
Activities							
TAIL GATE SAFETY MTG: PUMPLINES & WHIP CHECKS							
200 PSI ON TBG, 400 PSI ON CSG. BLED DN WELL. RU PUMP LINES. PRESSURED UP TO 1000 PSI, HELD PRESSURE. POOH W/ 40 JTS TBG, TRIED TO FLUSH. PRESSURED TO 1000 PSI. BLED DN. POOH W/ 180 JTS, CLEAN OUT BIT AND SUBS. RIH W/ SAME TO 6881'.							
SDFN							
Date: 4/1/2008	Report #: 4	Daily Cost: \$5,818		Cum. Cost: \$24,147		TMD(ft):	
Other Reports for this day: None							
Activities							
SAFETY MTG: NU POWER SWIVEL							
SICP 100#, SITP 1300#. VENT WELL. PU 3 JTS TBG, NU PWR SWIVEL. PUMPED DN CSG & UP TBG. AFTER 209 BBL WTR STARTED GETTING LITTLE CIRC. PUMPED 479 BBL WTR TOTAL, STILL COULDN'T GET GOOD CIRC. RAN OUT OF FLUID, BAD WEATHER CONDITIONS FOR GETTING EQUIPMENT. ND PWR SWIVEL, POOH W/ 8 JTS TBG. EOT @ 6765.06'. DRAIN EQUIP.							
SDFN							

**BBA MECHAM VIRGIL B 1-11A2**

Page 2 of 7

Well Chronology**EVENT: RECOMPLETION (Cont.)**

Date: 4/2/2008	Report #: 5	Daily Cost: \$5,818	Cum. Cost: \$29,965	TMD(ft):
Other Reports for this day: None				
Activities				
SAFETY MTG: RU PWR SWIVEL, WALK AROUND RIG INSPECTION				
SITP - 350 PSI, SICP 50 PSI. RU TBG & PWR EQUIP. PUMPED 252 BBL WTR DN CSG AND UP TBG, STARTED TO GET CIRC, PUMPED 180 BBL WTR TO GET GOOD CIRC. TAG @ 6987'. STARTED DN TO 7157', LOST CIRC FOR 30 MIN, CLEAN OUT PWR EQUIP. PUMP OUT EQUIP CLEAN. TAGGED RETAINER @ 7195'. CIRC CLEAN FOR 30 MIN. STARTED TO MILL ON RETAINER, MADE 8' ON RETAINER. USED 960 BBL WTR TOTAL, DRILLED OUT 208' OF FILL TO GET TO RETAINER. CIRC BTM UP, ND PWR SWIVEL, POOH W/ 16 JTS TBG. EOT @ 6713.74'. DRAIN LINES AND PUMP.				
SDFN				
Date: 4/3/2008	Report #: 6	Daily Cost: \$6,865	Cum. Cost: \$36,830	TMD(ft):
Other Reports for this day: None				
Activities				
SAFETY MTG: STARTING MUD PUMP - WALK AROUND RIG INSPECTION				
0 PSI ON TBG & CSG. RIH W/ 16 JTS TBG, PUMPED 69 BBL TO GET CIRCULATION. STARTED DN ON RETAINER, MILL FOR 2 HOURS & BROKE THRU RETAINER. CHASED DN TO 8208' AND STACKED OUT. NU PWR SWIVEL, GOT CIRC. CIRCULATE FOR 20 MINUTES, STARTED MILLING AGAIN. MADE 2'. CIRC BTMS UP, ND PWR EQUIP, LD 1 JT 2-7/8" TBG. POOH W/ 230 JTS TBG. WILL CHANGE OUT BIT. DRAIN LINES.				
SDFN				
Date: 4/4/2008	Report #: 7	Daily Cost: \$7,910	Cum. Cost: \$44,740	TMD(ft):
Other Reports for this day: None				
Activities				
SAFETY MTG: PU 2-7/8" TBG, WALK AROUND RIG INSPECTION				
0 PSI ON TBG & CSG. FINISH POOH W/ 39 JTS 2-7/8" TBG, CHANGE OUT 6" BITS. RIH W/ 269 JTS 2-7/8" TBG, NU PWR SWIVEL, PUMPED 57 BBL TO GET CIRC. START DN ON CIBP. DRILL THRU CIBP, CSG WENT ON VAC. ND PWR EQUIP. POOH W/ 48 JTS 2-7/8" TBG TO ABOVE PERFS. DRAIN EQUIP. WILL LET WELL SET OVERNIGHT. EOT @ 6792.02'				
SDFN				
Date: 4/5/2008	Report #: 8	Daily Cost: \$6,381	Cum. Cost: \$51,121	TMD(ft):
Other Reports for this day: None				
Activities				
SAFETY MTG: RIH W/ 2-7/8" TBG. WALK AROUND RIG INSPECTION				
SITP - 100 PSI, SICP 300 PSI. BLED WELL OFF. TRIED TO GET CIRC W/ 740 BBL WTR, WELL ON VAC. COULD NOT GET CIRC. RIH W/ 48 JTS 2-7/8" TBG OUT OF DERRICK. RIH AND TAG BTM @ 10417', 13' AWAY FM PBTD @ 10430'. POOH W/ 120 JTS 2-7/8" TBG. EOT @ 6798'. DRAIN EQUIP.				
SDFN				
Date: 4/8/2008	Report #: 9	Daily Cost: \$4,952	Cum. Cost: \$56,073	TMD(ft):
Other Reports for this day: None				
Activities				
SAFETY MTG: VENT WELL, RU HARDLINES. WALK AROUND RIG INSPECTION				
SITP - 600 PSI, SICP 450 PSI. RU LINES, VENT TBG & CSG. FINISH POOH W/ 111 JTS 2-7/8" TBG. TOOK OFF DRILL BIT. MU 6" SCRAPER W/ 6" DRILL BIT AND 2 - 1/8" STRIPS WELDED TO BIT & SCRAPER. RIH W/ 340 JTS 2-7/8" TBG & SCRAPER, PU 1 JT TBG. TAG BTM AT 10417'. LD 1 JT TBG. POOH W/ TBG STRING, LD BIT AND SCRAPER. MU 7" PKR AND RIH W/ 130 JTS TBG. EOT @ 4005.69'.				

**BBA MECHAM VIRGIL B 1-11A2**

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Well Chronology**EVENT: RECOMPLETION (Cont.)**

SDFN

Date: 4/9/2008	Report #: 10	Daily Cost: \$3,939	Cum. Cost: \$60,012	TMD(ft):
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Other Reports for this day: None

Activities

TAIL GATE SAFETY MTG: SWABBING

SITP & SICP- 280 PSI. VENT WELL. RACK OUT PWR SWIVEL. CONT RIH W/ 206 JTS 2-7/8" TBG. SET 7" PKR @ 10265' W/ 20000# COMP. FLUSH TBG W/ 55 BBL WTR. NU SWAB EQUIP. RIH W/ SANDLINE, IFL @ 5700'. WENT 1500' AND PULLED FLUID FM 7200'. CLUTCH ON RIG STARTED SLIPPING. SD FOR REPAIRS. COULD PULL ONLY 1300' OF FLUID.

SDFN

Date: 4/10/2008	Report #: 11	Daily Cost: \$5,490	Cum. Cost: \$65,502	TMD(ft):
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Other Reports for this day: None

Activities

TAIL GATE SAFETY MTG: FLAGGING SAND LINE. WALK AROUND RIG INSPECTION

SITP - VAC, SICP 400 PSI. VENT CSG, RU SWAB EQUIP. RIH W/ FIRST 5 SWAB RUNS, DRY TO 6500'. FOUND FLUID @ 6800'. FLUID CAME UP TO 6400' ON 10TH RUN. FLUID BACK DN TO 6800' ON 18TH RUN. MADE 29 TOTAL SWAB RUNS, REC 117 BBL WTR W/ TRACE OIL. FFL @ 7000'. ND SWAB EQUIP.

SDFN

Date: 4/11/2008	Report #: 12	Daily Cost: \$5,452	Cum. Cost: \$70,954	TMD(ft):
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Other Reports for this day: None

Activities

SAFETY MTG: GREASING AND CHECKING RIG W/ WALK AROUND INSPECTION

RIH W/ SWAB EQUIP. IFL @ 6500'. MADE 31 SWAB RUNS TOTAL, REC 159 BBL WTR W/ TRACE OIL. FFL @ 7000'. RD SWAB EQUIP.

SDFN

Date: 4/12/2008	Report #: 13	Daily Cost: \$5,637	Cum. Cost: \$76,591	TMD(ft):
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Other Reports for this day: None

Activities

SAFETY MTG: UNSETTING AND RUNNING TOOLS. WALK AROUND RIG INSPECTION

SICP 400 PSI. NU SWAB EQUIP, RIH W/ SANDLINE, IFL @ 6600'. POOH W/ SWAB EQUIP. UNSET 7" PKR & POOH W/ 2-7/8" TBG. LD PKR. PU 7" RBP & 7" PKR. RIH W/ 336 JTS TBG, SET RBP @ 10262'. LD 1 JT TBG. SET PKR @ 10251'. PUMPED 38 BBL TO FILL & TEST TOOLS TO 1000 PSI. HELD FOR 5 MIN. BLED OFF PRESSURE AND POOH W/ 112 JTS 2-7/8" TBG. SET PKR @ 7000'.

SDFN

Date: 4/15/2008	Report #: 14	Daily Cost: \$29,965	Cum. Cost: \$106,556	TMD(ft):
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Other Reports for this day: None

Activities

SAFETY MTG: LOGGING CSG. WALK AROUND RIG INSPECTION

0 PSI ON TBG, 100 PSI ON CSG. VENT CSG, RU LOG TRUCK. RIH SCHLUMBERGER W/ LOG EQUIP AND LOG CASING.

SDFN

Date: 4/16/2008	Report #: 15	Daily Cost: \$5,008	Cum. Cost: \$111,564	TMD(ft):
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Other Reports for this day: None

Activities



BBA MECHAM VIRGIL B 1-11A2
Well Chronology

Page 4 of 7

EVENT: RECOMPLETION (Cont.)

SAFETY MTG: SWABBING. WALK AROUND RIG INSPECTION

0 PSI ON TBG, 50 PSI ON CSG. NU SWAB EQUIP. RIH W/ SAND LINE. IFL @ 1300' W/ SKIM OF OIL. MADE 8 SWAB RUNS, FL @ 6800'. MADE 3 HOURLY SWAB RUNS. HAD 1.1 BBL FLUID ENTRY PER HR. MADE 11 SWAB RUNS TOTAL, REC 49 BBL WTR, TRACE OIL. FFL @ 6600'. ND SWAB EQUIP. REL 7" PKR, RIH W/ 108 JTS TBG, LATCH ONTO RBP @ 10262'. POOH W/ 120 JTS TBG.

SDFN

Date: 4/17/2008	Report #: 16	Daily Cost: \$5,298	Cum. Cost: \$116,862	TMD(ft):
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Other Reports for this day: None

Activities

SAFETY MTG: VENTING CSG & TBG. SITP 0 PSI, SICP 300 PSI. VENT THE CSG. POOH W/ 62 JTS 2-7/8" TBG. SET RBP @ 6,686', PULL UP 10' & SET PKR, TEST TO 500 PSI W/ 39 BPW-GOOD TEST. PULL UP TO 4,482' & SET PKR, PRESSURE TEST CSG UP TO 500 PSI; LOST 300# IN 1 HR 20 MIN. BLED CSG OFF. RU SWAB EQUIP. 1ST RUN @ 1:45, GO TO SEAT NIPPLE, NO FLUID. FILL TBG W/ 110 BPW. PRESSURE TEST TO 500#-BLED OFF IN 5 MIN. SWIFN.

Date: 4/18/2008	Report #: 17	Daily Cost: \$5,928	Cum. Cost: \$122,790	TMD(ft):
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Other Reports for this day: None

Activities

SAFETY MTG: PRESSURE TEST W/ HO. STIP & SICP 0 PSI. HO PUMPED 12 BPW DOWN TBG-PRESSURE TEST TO 1000#-HOLDING GOOD @ 45 MINS. FILL & TEST CSG W/ 3 BPW, LOST 100# IN 20 MINS. BLED CSG & TBG OFF. NU SWAB EQUIP, FL @ SURFACE. MADE 9 SWAB RUNS. SWAB DRY SEAT NIPPLE @ 4,482'. ND SWAB EQUIP. RELEASE 7" PKR. RIH W/ 6686'. RELEASE 7" RBP, POOH W/ 219 JTS 2-7/8" TBG. LD BHA. PU 7" CEMENT RETAINER. RIH W/ 99 JTS 2-7/8" TBG. SWIFN.

Date: 4/19/2008	Report #: 18	Daily Cost: \$19,139	Cum. Cost: \$141,928	TMD(ft):
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Other Reports for this day: None

Activities

SAFETY MTG: PUMPING CEMENT, WALK AROUND RIG INSPECTION.

SITP 200 PSI, SLIGHT BLOW ON CSG. TIH W/ 238 JTS TBG, 336 TOTAL. SET CMT RET @ 10266', 6' OUT ON JT # 336. RU HALLIBURTON CEMENT TRUCK. PUMP 13 BBL CMT, LOCKED UP @ 2000 PSI. BLED OFF. STING OUT, PUMPED 3 BBL, STING IN, PUMPED 3 BBL. PRESSURE UP TO 2450 PSI. PUMPED 1 BPM @ 1600 PSI, 6 BBL BELOW RETAINER. STING OUT, LEAVE 6 BBL ON TOP. RD HALLIBURTON. TOH W/ 336 JTS. LD STINGER.

SDFN

Date: 4/22/2008	Report #: 19	Daily Cost: \$8,859	Cum. Cost: \$150,787	TMD(ft):
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Other Reports for this day: None

Activities

SAFETY MTG: HYDROTESTING TBG, WALK AROUND RIG INSPECTION

SICP - 600 PSI. VENT CSG. MI RU HYDROTEST UNIT. HYDROTEST 322 JTS 2-7/8" TBG IN HOLE. TAG @ 9888', TOP OF CMT. FOUND NO LEAKS AND NO BLOWN JTS. RD HYDROTEST UNIT & TOOLS. POOH W/ 94 JTS TBG. EOT @ 6337.02' WILL PERFORATE IN AM.

SDFN

Date: 4/23/2008	Report #: 20	Daily Cost: \$9,769	Cum. Cost: \$160,556	TMD(ft):
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Other Reports for this day: PERFORATE

Activities

SAFETY MTG: PERFORATING, WALK AROUND RIG INSPECTION

SICP 100 PSI, SITP - 150 PSI. FINISH POOH W/ 228 JTS 2-7/8" TBG. MI RU PERF UNIT. RIH AND PERFORATE ZONES 9496' - 9504', 9476' - 9486', 9466' - 9474', 9396' - 9414'. ND PERF UNIT. PU 7" RBP & 7" PKR. RIH W/ 312 JTS TBG & SET RBP @ 9541'. PULL UP W/ 6 JTS TBG SET PKR @ 9352' W/ 18000# COMP. DID NOT SEE PRESSURE.

SDFN

**BBA MECHAM VIRGIL B 1-11A2**

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Well Chronology

EVENT: RECOMPLETION (Cont.)

Date: 4/24/2008	Report #: 21	Daily Cost: \$5,841	Cum. Cost: \$166,397	TMD(ft):
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Other Reports for this day: None

Activities

TAIL GATE SAFETY MTG: FLOW TESTING, WALK AROUND RIG INSPECTION

SITP - 900 PSI, SICP 200 PSI. FLOW BACK WELL FOR 3 HRS, W/ 78 BBL WTR & TRACE OIL. NU SWAB EQUIP. FL AT SURFACE. MADE 10 SWAB RUNS, REC 78 BBL WTR W/ TRACE OIL, FL @ 2700'. CLEAN FLAT TANK. WELL STARTED FLOWING. MADE 15 BBL IN 1 HR. SHUT WELL IN FOR 35 MIN, BUILT PRESSURE TO 550 PSI. RU SWAB EQUIP AGAIN, MADE 10 SWAB RUNS, FL @ 2700'. ON 11TH RUN, FL CAME UP TO 2000' W/ TRACE OIL. MADE 26 SWAB RUNS TOTAL, REC 294 BBL WTR, TRACE OIL. FFL @ 2000'. ND SWAB EQUIP.

SDFN

Date: 4/25/2008	Report #: 22	Daily Cost: \$5,429	Cum. Cost: \$171,825	TMD(ft):
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Other Reports for this day: None

Activities

SAFETY MTG: SWABBING, WALK AROUND RIG INSPECTION

SITP - 950 PSI, SICP 300 PSI. WELL FLOWING UP TBG. NU SWAB EQUIP. FL AT SURFACE. MADE 11 SWAB RUNS, REC 84 BBL WTR, NO OIL. ND SWAB EQUIP. REL 7" PKR, MOVE DN TO 9442' AND RESET W/ 20000# COMP. NU SWAB EQUIP, RIH IFL @ 800'. MADE 29 SWAB RUNS, REC 180 BBL WTR, NO OIL. REC 264 BBL WTR TOTAL FOR DAY IN 40 SWAB RUNS. FFL @ 2600'. ND SWAB EQUIP.

SDFN

Date: 4/26/2008	Report #: 23	Daily Cost: \$6,138	Cum. Cost: \$177,963	TMD(ft):
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Other Reports for this day: None

Activities

SAFETY MTG: NU & ND SWAB EQUIP, WALK AROUND RIG INSPECTION.

SITP - 900 PSI, SICP - 250 PSI. TBG FLOWING, REL 7" PKR. RIH & RET 7" RBP @ 9541'. MOVE RBP TO 9450'. RESET PKR @ 9352' & SET W/ 20000# COMP. SWAB TEST ZONE. IFL @ SURFACE. MADE 17 SWAB RUNS, REC 108 BBL WTR, NO OIL. ND SWAB EQUIP. REL PKR, RET RBP AND MOVE TO 9370'. RESET PKR ABOVE PERFS. TEST TOOLS, FILL & TEST TO 700 PSI. TEST GOOD. REL PKR, POOH W/ 306 JTS 2-7/8" TBG. PREP TO PERFORATE NEW ZONE.

SDFN

Date: 4/29/2008	Report #: 24	Daily Cost: \$19,781	Cum. Cost: \$197,744	TMD(ft):
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Other Reports for this day: PERFORATE

Activities

SAFETY MTG: PERFORATING, WALK AROUND RIG INSPECTION

SICP 400 PSI. VENT CSG. MI RU OWP PERFORATION UNIT. PERF ZONES 9023' - 9357', 4 GUN RUNS. ND PERF WIRELINE UNIT. PU 7" PKR & RIH W/ 295 JTS 2-7/8" TBG. SET PKR @ 8990' W/ 20000# COMP. NU SWAB EQUIP. IFL @ 400'. MADE 12 SWAB RUNS, REC 84 BBL WTR, NO OIL. FFL @ 8900'. ND SWAB EQUIP.

SDFN

Date: 4/30/2008	Report #: 25	Daily Cost: \$7,146	Cum. Cost: \$204,890	TMD(ft):
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Other Reports for this day: None

Activities

SAFETY MTG: CLEANING FLAT TANK, WALK AROUND RIG INSPECTION

SITP - 950 PSI, SICP 250 PSI. NU SWAB EQUIP. RIH W/ SWAB EQUIP. IFL @ SURFACE. MADE 13 SWAB RUNS, REC 85 BBL WTR, SWAB DRY. WAIT 1 HR, FL @ 6400'. SECOND RUN FL @ 6900', WAIT 1 HR, FL @ 6000'. MADE 20 SWAB RUNS TOTAL, REC 131 BBL WTR W/ SKIM OIL. FFL @ 6600'. ND SWAB EQUIP.

**BBA MECHAM VIRGIL B 1-11A2**

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Well Chronology**EVENT: RECOMPLETION (Cont.)**

SDFN

Date: 5/1/2008	Report #: 26	Daily Cost: \$6,406	Cum. Cost: \$211,296	TMD(ft):
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Other Reports for this day: None

Activities

SAFETY MTG: PRESS TEST CSG. SITP 950#, SICP 500#; BLED OFF. TBG FLOWING, FLOWED BACK 10 MINS. GOT OIL SAMPLE. NU HO TO 2-7/8" TBG TO GET INJ RATE-PERFS 9023' TO 9342'-INJ RATE 1-3/4 BBLS @ 2000#. RELEASED TOOLS. MOVE 7" RBP TO 9523' & PKR @ 9,360'. INJ RATE 1-3/4 BBLS @ 2200#-LOSING 1/4 BBL EVERY 10 BBLS. MOVE PKR ABOVE ALL PERFS, SET PKR @ 8,971'-STEP RATE ON ALL PERFS. FIRST STEP-1/2 BBL/MIN W/ 40 BLS 1650# TO 1850#; SEC STEP 1850# TO 1850# @ 1 BBLS/MIN; THIRD STEP 1850# TO 1875" @ 1-1/2 BBL/MIN; FOURTH STEP 1875# TO 1900# @ 2 BBLS/MIN. SIP FROM HO 1650#. SI 5 MIN, LOST 25#, 10 MIN LOST 50#, 15 MIN LOST 100#. FLOW BACK 38 BBLS. REL PKR, RETRIEVE RBP-MOVE UP TO 8980'. TRIED SETTING RBP-DID NOT SET; CHASE RBP TO 9888' TOP OF CEMENT. PULL UP TO 8980', SET RBP; UP 6' SET PKR. 1 BBL TO FILL & TEST, GOOD TEST. REL PKR. SWIFN.

Date: 5/2/2008	Report #: 27	Daily Cost: \$5,450	Cum. Cost: \$216,746	TMD(ft):
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Other Reports for this day: None

Activities

SAFETY MTG: TOO H W/ 2-7/8" TBG

SITP - VAC, SICP - 100 PSI. TOO H W/ 2-7/8" TBG, LD PKR & RET TOOL. RIH W/ 96 JTS TBG, SINGLE DN 96 JTS 2-7/8" TBG. MU BHA, RIH W/ 2-7/8" PSN & BAKER PKR W/ 209 JTS 2-7/8" TBG. ND BOP, SET PKR. LAND TBG W/ 20000# COMP. EOT @ 6922.26'

SDFN

Date: 5/3/2008	Report #: 28	Daily Cost: \$4,941	Cum. Cost: \$221,687	TMD(ft):
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Other Reports for this day: None

Activities

SAFETY MTG: SWABBING

SITP - 425 PSI, SICP - 100 PSI. RU SWAB EQUIP. IFL @ 1700'. MADE 21 SWAB RUNS, REC 102 BBL WTR. FFL @ 6400'. RD SWAB EQUIP.

SDFN

Date: 5/4/2008	Report #: 29	Daily Cost: \$5,080	Cum. Cost: \$226,767	TMD(ft):
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Other Reports for this day: None

Activities

SAFETY MTG: CHECKING PRESSURES

SITP 100 PSI, SICP - 20 PSI. BLED OFF WELL. NU SWAB EQUIP. IFL @ 400'. MADE 21 SWAB RUNS, REC 167 BBL WTR W/ TRACE OIL. FFL @ 6500'.

SDFN

Date: 5/6/2008	Report #: 30	Daily Cost: \$5,356	Cum. Cost: \$232,123	TMD(ft):
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Other Reports for this day: None

Activities

SAFETY MTG: WALKAROUND RIG INSPECTION, ROADING RIG

SITP - 1900 PSI, SICP 20 PSI. NU FLOWLINE & CHOKE. CLEAN UP RIG FLOOR AND WELLHEAD. RACK RIG & EQUIP. RD RIG. ROAD RIG TO NEXT LOCATION.

TUBING DETAIL:

TBG SCREWED INTO TREE AND LANDED W/ 20000# COMPRESSION
209 - JTS 2-7/8" 6.5# N-80 8RD TBG



BBA MECHAM VIRGIL B 1-11A2

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Well Chronology

EVENT: RECOMPLETION (Cont.)

1 - BAKER R-3 PKR @ 6392.62'
16 - JTS 2-7/8" 6.5# N-80 8RD TBG
1 - 2-7/8" 8RD PSN @ 6891.06'
1 - JT 2-7/8" 6.5# N-80 8RD TBG
1 - 2-7/8" NOTCHED & PINNED COLLAR
EOT @ 6922.26'

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: FEE
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
		7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL Gas Well		8. WELL NAME and NUMBER: VIRGIL MECHAM 1-11A2
2. NAME OF OPERATOR: DEVON ENERGY PROD CO LP		9. API NUMBER: 43013300090000
3. ADDRESS OF OPERATOR: P.O. Box 290 8345 North 5125 West, Neola, UT, 84053		9. FIELD and POOL or WILDCAT: BLUEBELL
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1320 FNL 1445 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNE Section: 11 Township: 01.0S Range: 02.0W Meridian: U		COUNTY: DUCHESNE
		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 12/1/2011	<input type="checkbox"/> ALTER CASING	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> CHANGE TUBING	
	<input type="checkbox"/> CHANGE WELL STATUS	
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	
	<input type="checkbox"/> DEEPEN	
	<input type="checkbox"/> FRACTURE TREAT	
	<input type="checkbox"/> OPERATOR CHANGE	
	<input type="checkbox"/> PLUG AND ABANDON	
	<input type="checkbox"/> PRODUCTION START OR RESUME	
	<input type="checkbox"/> RECLAMATION OF WELL SITE	
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
	<input type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> VENT OR FLARE	
	<input type="checkbox"/> WATER SHUTOFF	
	<input type="checkbox"/> SI TA STATUS EXTENSION	
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	
	<input checked="" type="checkbox"/> OTHER	
	OTHER: Cement Bond Log	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. Devon is submitting two copies of Cement Bond Gamma Ray Logs dated 12/01/2011: 1) Main Pass, 2) Main Pass 1,000 PSI. Fed Ex 8762 4846 0390 to John Rogers 12/21/2011.		
NAME (PLEASE PRINT) Deanna Bell		PHONE NUMBER 435 353-5780
SIGNATURE N/A		TITLE Senior Field Technician
		DATE 12/20/2011

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: FEE
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
1. TYPE OF WELL Gas Well		8. WELL NAME and NUMBER: VIRGIL MECHAM 1-11A2
2. NAME OF OPERATOR: DEVON ENERGY PROD CO LP		9. API NUMBER: 43013300090000
3. ADDRESS OF OPERATOR: P.O. Box 290 8345 North 5125 West, Neola, UT, 84053	PHONE NUMBER: 405 228-4248 Ext	9. FIELD and POOL or WILDCAT: BLUEBELL
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1320 FNL 1445 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNE Section: 11 Township: 01.0S Range: 02.0W Meridian: U		COUNTY: DUCHESNE
		STATE: UTAH

11.

CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 4/2/2012	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input checked="" type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <u>revise recompletion procedure</u>
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:			
<input type="checkbox"/> SPUD REPORT Date of Spud:			
<input type="checkbox"/> DRILLING REPORT Report Date:			

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Because of discovering several casing leaks, Devon requests to change recompletion procedure by running 5" liner from surface to 9000'. Also to raise injection interval to 9000'. Attachment: revised recompletion procedure, daily reports Also see current cement bond log previously submitted in December, 2011.

**Approved by the
Utah Division of
Oil, Gas and Mining**

Date: March 29, 2012

By: 

NAME (PLEASE PRINT) Patti Riechers	PHONE NUMBER 405 228-4248	TITLE Sr Staff Operations Technician
SIGNATURE N/A		DATE 3/7/2012



The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Sundry Conditions of Approval Well Number 43013300090000

An MIT will be required prior to placing the well on injection.

Virgil Mecham 1-11A2 Conversion to Produced Water Injection Well

VIRGIL MECHAM 1-11A2
SECTION 11, T1S, R2W
DUCHESNE COUNTY, UTAH

Recompletion Procedure (Revised)
Conversion to Produced Water Injection Well
AFE 153633

WELL DATA

Completion date: 12-22-68
TD: 11,180'
Original PBTD: 11,095'
Current PBTD: 8,980' (RBP)

Well Status: Currently producing from UGR perforations at 120 MCFD.
Cum Production: 578 MBO, 1,800 MMCF

Casing: 10-3/4", 40.5#, K-55 @ 524'
7", 23/26/29#, N-80 @ 11,177'

Perforations: 6821 - 6956 Upper Green River
9396' - 9504'
9023' - 9342'

Other: CIBP at 10266' w/ cement on top to 9888'.
RBP at 8980'
Casing leak between 4606 and 4635'. Bled from 1500 psi, then held at 1100 psi
in 1995. Not squeezed

WELL HISTORY

11-20-68 through 12-23-68

- Perf 10,548-10,625' with 2 spf.
- Set retainer at 10,612' and squeezed 10,548-10,625' with 100 sxs.
- Perf 10,581-10,598' with 2 spf and acidized with 1500 g 15% HCL.
- Squeezed 10,581-10,598' with 200 sxs.
- Reperf 10,581-10,598' with 2 spf and acidized with 500 g 15% HCL.
- Squeezed 10,581-10,598' with 100 sxs.
- Reperf 10,581-10,598' with 2 spf, acidized with 650 g 15% HCL.
- Perf 10,458-10,476', 10,486-10,498' and 10,581-10,598' with 2 spf.
- Acidized 10,458-10,498' with 1000 g 15% HCL.

06-19-69 through 06-29-69

- Perf 10,406-10,416', 10,508-10,516' and 10,521-10,526' with 2 spf.
- Acidized 10,508-10,526' with 500 g 15% HCL.
- Acidized 10,406-10,416' with 500 g 15% HCL.
- Perf 10,330-10,354', 10,356-10,360', 10,364-10,374', 10,384-10,396' and 10,424-10,446' with 2 spf.

- Acidized 10,424-10,446' with 1000 g 15% HCL.
- Acidized 10,384-10,396' with 1000 g 15% HCL.
- Acidized 10,330-10,374' with 1000 g 15% HCL.
- Set RBP at 10,540' and CIBP at 10,537' (on top of RBP).

06-30-87 Tested all csg above 10,250' to 1500 psi, held OK.

07-01-87 Ran CBL/CET logs from 10,528' to 5800'.

07-03-87 Ran CET log from 7000' to surface.

07-06-87 Set 7" CIBP at 9020'. Perf 6 squeeze holes at 5700-03' and 6 squeeze
holes at 4590-93'. Set retainer at 5500'.

07-07-87 Cemented outside of 7" csg from 4590' to 5703' with 150 sxs.

07-09-87 Resqueezed 4590-93' with 200 sxs.

07-13-87 Drilled out retainer at 5500'.

07-15-87 Milled out CIBP at 9020' and cleaned out down to 10,520'.

07-16-87 Set 7" retainer at 10,212' and squeezed perms 10,330-10,526' with 1000 g Flo-Chek and 100 sxs cmt.

07-17-87 Re-squeezed 10,330-10,526' with 150 sxs.

07-21-87 Drilled out retainer at 10,212' and cleaned out down to 10,450'.

07-24-87 Perf 10,324-10,430' (4 intervals, 40', 84 holes)

07-28-87 Acidized 10,324-10,430' with 5000 g 15% HCL

08-06-87 Left well shut-in.

07-11-95 Set 7" CIBP at 8200' and tested 7" csg to 1500 psi. Pumped into leak at 1.5 bpm @ 1500 psi (after shut-down, pressure appeared to stabilize at 1100 psi).

07-13-95 Pressure tested 7" casing with the following results:

Surf to 4605' Held 1500 psi OK.
4605' to 4635' Injected 1.5 bpm @ 1500 psi (shut down and pressure fell to 1100 psi in 4 minutes and then leveled off).
4635' to 8200' Held 1500 psi.
Decision was made not to repair leak at this time.

07-14-95 Perforated 6 squeeze holes at 7250-53' and another 6 holes at 6500-03'. Set 7" cmt retainer at 7180' and attempted to break circulation behind 7" csg between upper and lower squeeze holes. Could not pump into either set of squeeze holes or break circulation. Pressured holes at 7250-53 to 3500 psi, holes at 6500-03 to 1100 psi.

07-28-95 Perforated Upper Green River as follows:

6821-6825

Virgil Mecham 1-11A2 Conversion to Produced Water Injection Well

6828-6860
6876-6882
6910-6918
6930-6956

Total net ft - 76. Total holes - 304.

TIH with packer on tbg, set at 6682', pump into perforation at 6821-6956', communicates to squeeze holes at 6500-03 at 2 BPM 400 psi.

07-29-95 Set 7" Baker Max packer at 6438'.

08-07-95 First sales, test rate on 8-7-95, 340 MCFGPD, 8/64" choke, 1340 psi.

04-13-04 Swab well with swab rig, IFL 800', swabbed to seating nipple at 6418', recovered 30 bbls.

04-14-04 SITP 1000 psi, blew well down, made six swab runs, no fluid, IFL 6400', FFL 6400', tagged at 6950' with slickline.

09-20-04 Shut well in at to observe pressure buildup at surface:

Flowing tubing pressure 95 psi

19 hr SITP 1095 psi

24 hr SITP 1200

43 hr SITP 1600

48 hr SITP 1600

11-04-04 Pulled tubing and Baker Max packer. Ran a Baker Model R-3 packer with 17 jts tubing below packer. EOT at 6905, PSN at 6873, packer at 6383.

11-06-04 Treated with 25 bbls diesel overnight, swabbed back. Put back on p production.

5-2-08 Rel pkr @ 6383'. Drill out retainer @ 7195', and CIBP @ 8200'. Set cmt retainer @ 10266', cmt 60 sxs. Top of cmt @ 9888'. Perforate 9396' - 9504', 4 int, 44', 88 holes & 9023' - 9342', 17 int, 128 holes. Swab tested water in new zone. Set RBP @ 8980' to isolate new perms. Set pkr @ 6392'. Return to prod in perms 6821' - 6956'.

Virgil Mecham 1-11A2 Conversion to Produced Water Injection Well

PROCEDURE:

1. MIRU workover rig, pull test rig anchors prior to rigging up.
2. ND wellhead, NU BOP and test BOP to 3000 psi. POOH with 2-7/8" tubing and packer.
3. RIH with cement retainer and set at 6700'. Squeeze perforations from 6821-6956' with 100 sks of cement.
4. Isolate leaks in casing (4,605'-4,635') above retainer and squeeze.
5. Drill out cement to top of retainer at 6700' and test casing to 1000 psi.
6. Drill out retainer at 6700' and clean out to RBP at 8980'. Test squeezed perforations to 1,000 psi.
7. TIH and retrieve RBP at 8980'. POOH.
8. PU RBP and treating packer and set RPB at 9220', spot sand on top. Set packer 8900' and squeeze perforations from 9020'-9200' with 100 sks of cement. Drill out and test to 1000 psi.
9. RU wireline and run bond log from 9200' to surface casing.
10. Perforate additional Upper Green River intervals from 9,554' – 9,732' overall in 11 intervals with 3-1/8" HSC guns as per perforation detail attached separately. Top of TGR3 interval is 9,826'. Correlate to SLB's RST Advisor dated 4-16-08. Monitor fluid level and pressure while perforating.
11. PU 7" treating packer and TIH and set packer 9200'. Swab test to obtain a water sample for the Utah State DOG&M.
12. Hold 500 psi on backside and acidize perforations with 5,000 gallons of 15% HCl acid with additives and 350 ball sealers for diversion. Treat at 8-10 BPM, limiting the surface tubing pressure to 8,000 psi. Swab back until pH is five or greater.
13. RU WL and set CIBP at 9010'.
14. RU casing crew and run 5" liner from surface to 9000'. Hang off and Cement to surface.
15. Clean out 5" casing and drill out CIBP at 9010'

Virgil Mecham 1-11A2 Conversion to Produced Water Injection Well

16. RIH with 5" injection packer and set at 8,900'. Fill the annulus with packer fluid and test backside to 1000 psi.
17. Run injection step rate test at ¼ to 5 BPM to determine the frac gradient.
18. After finalizing the permit process, set facilities and start injecting.

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: FEE
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
		7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL Gas Well	8. WELL NAME and NUMBER: VIRGIL MECHAM 1-11A2	
2. NAME OF OPERATOR: DEVON ENERGY PROD CO LP	9. API NUMBER: 43013300090000	
3. ADDRESS OF OPERATOR: P.O. Box 290 8345 North 5125 West, Neola, UT, 84053	PHONE NUMBER: 405 228-4248 Ext	9. FIELD and POOL or WILDCAT: BLUEBELL
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1320 FNL 1445 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNE Section: 11 Township: 01.0S Range: 02.0W Meridian: U		COUNTY: DUCHESNE
		STATE: UTAH

11.

CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input checked="" type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION	OTHER: <input type="text" value="Recompletion"/>
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 7/28/2012				
<input type="checkbox"/> SPUD REPORT Date of Spud:				
<input type="checkbox"/> DRILLING REPORT Report Date:				

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Devon Energy Production Co., L.P. (Devon) recompleted the subject well on 7/28/2012. Please find attached the recompletion summary. Thank you.

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
 March 22, 2013

NAME (PLEASE PRINT) Julie Patrick	PHONE NUMBER 405 228-8684	TITLE Regulatory Analyst
SIGNATURE N/A		DATE 3/20/2013

Recompletion Summary
BBA Meham Virgil B 1-11A2

- 7/12/2012: Set plug at 9010', laid down 150 jts of 2 7/8" csg.
- 7/17/2012: Open well up, ND floor and BOPs ND old well head, NU new well head, clean up 5" csg pins and collars
- 7/18/2012: PU and RIH with 5" 18# P-110 casing. Land at 8980'
- 7/19/2012: Open well up, rig up cement crew to tbg pressure test to 3600 psi. Perform cement job, pumped 140 bbls of cement 450 sacks; displaced w/ 159 bbls got back 6 bbls of cement in returns. Pressured up on plug to 3000 psi ma job pressure was 2300 psi. Cement weight was 12.8 ppg. RD cement crew ND BOPs and spool cut off tbg, put on new well head, tested well head to 3000 psi for 15 min, RU floor and tbg tongs, pressure up on csg to 1000 psi.
- 7/20/2012: Tag cement soft at 8823' w/ 293 jts.
- 7/23/2012: Drilled up plug and float collar, drilled down to 9012'
- 7/24/2012: Run in w/ logs to inspect 5" csg.
- 7/25/2012: Open well up, hook up hard lines, break circulation; begin drilling on cement at 9012'.
Drilled down through cement and plug; ran down to 9904'w/bit.
- 7/27/2012: Set land packer at 8903'; NU wellhead and test to 1000 psi; pressure test csg to 1000 psi, bled off csg.
- 7/28/2012: Hook up Halliburton to tbg and preform step rate test.

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2. NAME OF OPERATOR: DEVON ENERGY PROD CO LP		7. UNIT or CA AGREEMENT NAME:
3. ADDRESS OF OPERATOR: P.O. Box 290 8345 North 5125 West, Neola, UT, 84053		8. WELL NAME and NUMBER: VIRGIL MECHAM 1-11A2
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1320 FNL 1445 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNE Section: 11 Township: 01.0S Range: 02.0W Meridian: U		9. API NUMBER: 43013300090000
PHONE NUMBER: 405 228-4248 Ext		9. FIELD and POOL or WILDCAT: BLUEBELL
COUNTY: DUCHESNE		STATE: UTAH

11.

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TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PLUG BACK <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> WILDCAT WELL DETERMINATION <input checked="" type="checkbox"/> OTHER
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 3/27/2013	OTHER: INJECTION WELL PRESSURE TEST
<input type="checkbox"/> SPUD REPORT Date of Spud:	
<input type="checkbox"/> DRILLING REPORT Report Date:	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

An injection well pressure test has been completed. State of Utah, Division of Oil, Gas & Mining Injection Well - Pressure Test Form has been completed and attached; Dennis Ingram, DOGM Specialist, witnessed and passed test. If additional information is needed, please contact George Gurr, Production Foreman, 435-353-5784.

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
 April 03, 2013

NAME (PLEASE PRINT) Deanna Bell	PHONE NUMBER 435 353-5780	TITLE Senior Field Technician
SIGNATURE N/A	DATE 4/2/2013	

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
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		STATE: UTAH

11.

CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 5/6/2013	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input checked="" type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input type="text" value="Injection"/>
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:			
<input type="checkbox"/> SPUD REPORT Date of Spud:			
<input type="checkbox"/> DRILLING REPORT Report Date:			

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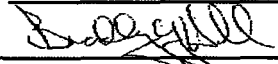
Devon Energy Production Co., L.P. (Devon) began injecting the above referenced SWD well on, May 6, 2013.

**Accepted by the
Utah Division of
Oil, Gas and Mining**

Date: June 12, 2013

By: 

NAME (PLEASE PRINT) Julie Patrick	PHONE NUMBER 405 228-8684	TITLE Regulatory Analyst
SIGNATURE N/A		DATE 6/11/2013

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12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. Devon Energy Production Co., L.P. (Devon) began injecting the above referenced SWD well on, May 6, 2013.					
NAME (PLEASE PRINT) Julie Patrick		PHONE NUMBER 405 228-8684			
SIGNATURE N/A		TITLE Regulatory Analyst			
DATE 6/11/2013		Accepted by the Utah Division of Oil, Gas and Mining Date: June 12, 2013 By: 			



GARY R. HERBERT
Governor

GREGORY S. BELL
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

UNDERGROUND INJECTION CONTROL PERMIT


Cause No. UIC-373

Operator: Devon Energy Production Co., L. P.
Well: Virgil Mecham 1-11A2
Location: Section 11, Township 1 South, Range 2 West, USM
County: Duchesne
API No.: 43-013-30009
Well Type: Salt Water Disposal Well

Stipulations of Permit Approval

1. Approval for conversion to Injection Well issued on May 18, 2011.
2. Maximum Allowable Injection Pressure: 1,650 psig
3. Maximum Allowable Injection Rate: (restricted by pressure limitation)
4. Injection Interval: Green River Formation (9,224' – 9,732')
5. A Monthly Injection Report shall be filed as required by R649-8-3.
6. A pressure gauge shall be installed to measure pressure in the casing-tubing annulus. This pressure is to be monitored and reported on the Monthly Injection Report.

Approved by: _____


John Rogers
Associate Director

5/2/2013
Date

JR/MLR/js

cc: Bruce Suchomel, Environmental Protection Agency
Duchesne County
Well File

N:\O&G Reviewed Docs\ChronFile\UIC\Devon Energy



JOB LOG

TICKET DATE

April 29, 2013

NWA / COUNTRY
ROCKY MOUNTAIN / USA

COUNTY
UINTAH

DATE	TIME	EMPLOYEE NAME	REMARKS
11/11/2019	11:00

PSL DEPARTMENT

0

PRODUCT

ANCMEN

COMPANY
DEVON ENERGY

CUSTOMER REP / PHONE	
----------------------	--

100

WELL TYPE

WELL CATEGORY

GEORGE GURR

DEPARTMENT
5005

API/UVI #	
-----------	--

1000

WELL #
1-11 A2

SEC / TWP / RNG

0

LAB PURPOSE CODE	
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SUMMARY

HHP 331

FG. #VALUE!

AVG RT.	4.5	BPM
---------	-----	-----

MAX RT. 8.0 BPM

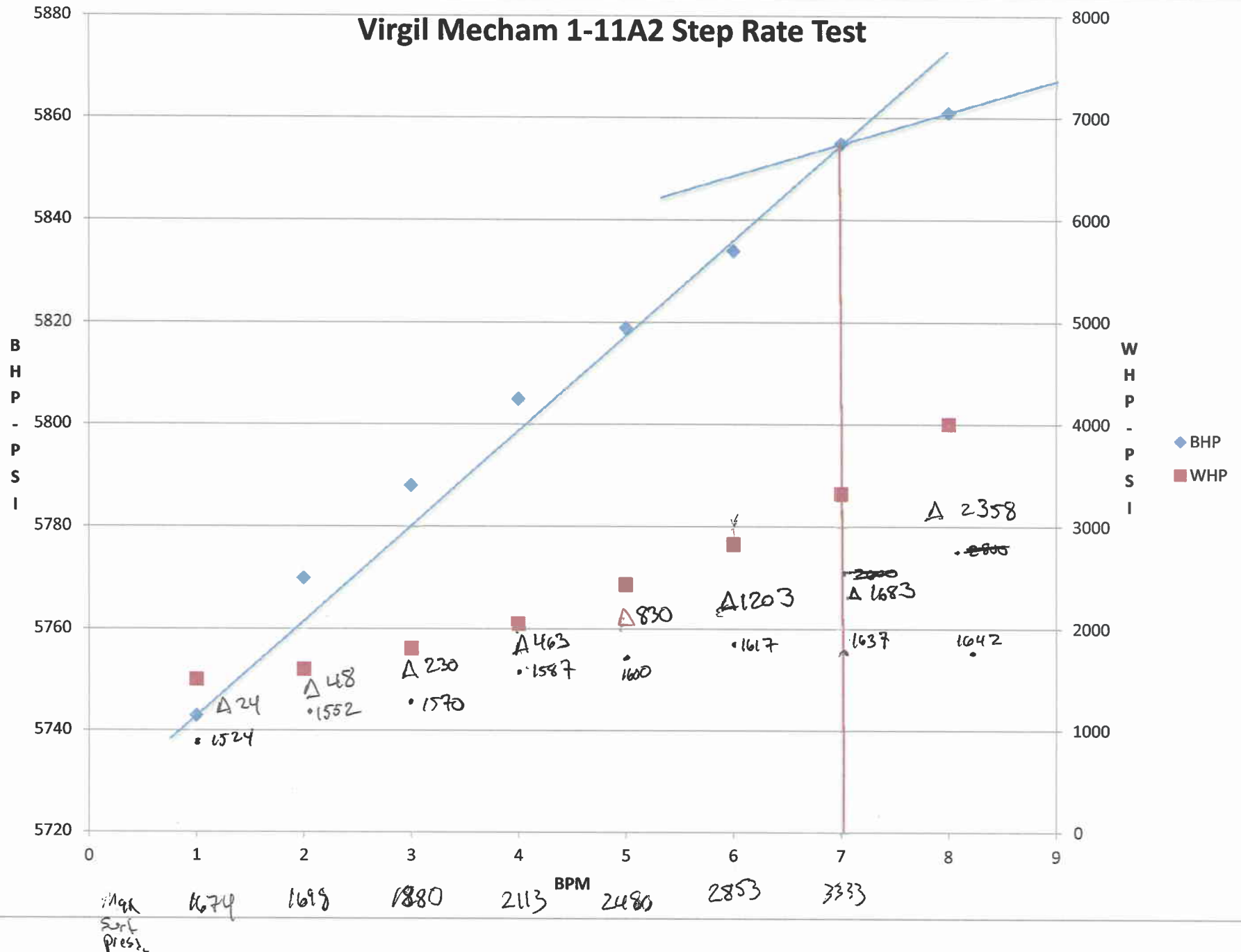
AVG PRESS. 3,000 PS

MAX PRESS. 0 PSI

TOTAL LOAD	25,452
------------	--------

GAL	606.0	BBL
-----	-------	-----

Virgil Mecham 1-11A2 Step Rate Test





Mark Reinbold <markreinbold@utah.gov>

Virgil Mecham 1-11A2 SWD

3 messages

Jantz, Tom <Tom.Jantz@dvn.com>
To: "markreinbold@utah.gov" <markreinbold@utah.gov>
Cc: "Patrick, Julie" <Julie.Patrick@dvn.com>

Tue, Apr 23, 2013 at 2:55 PM

Mr. Reinbold,

As requested the following is an explanation of the progression of the recompletion of the Virgil Mecham 1-11A2 to a SWD well.

After obtaining approval to convert the well to an SWD well in 2011 the existing perforations in the UGR gas zone at 6500'-7253' were squeezed off. A considerable amount of time in November and December was spent attempting to repair holes found in the 7" casing. This was successful to a point but a small bleed off still occurred.

Operations was suspended and a sundry was submitted requesting approval to run a 5" liner from surface to 9000' and cement it in the hole. This was approved March 29, 2012. This work was completed in July of 2012 and cement was circulated to the surface. Operations was suspended again waiting on the completion of an injection pipeline from our central injection facility. This is now complete and we are ready to start injection when approved.

The original step rate test submitted does not indicate parting pressure. Due to friction in the tubing we either did not reach it or it is being masked. I have requested another step rate test to a higher rate with a bottom hole pressure recorder in place. The bottom hole pressure reading will eliminate pipe friction from the test and give us better data. This is scheduled for the first of next week. As soon as I receive the data I will forward it to you with a new maximum pressure request.

I hope this clears a few things up, please call or email me with further questions.

Thank you,

Tom Jantz

Sr. Advisor, Operations

Devon Energy Production Company, L.P.

Office 405-552-7825

Cell 405-323-4619

Confidentiality Warning: This message and any attachments are intended only for the use of the intended recipient(s), are confidential, and may be privileged. If you are not the intended recipient, you are hereby notified that any review, retransmission, conversion to hard copy, copying, circulation or other use of all or any portion of this message and any attachments is strictly prohibited. If you are not the intended recipient, please notify the sender immediately by return e-mail, and delete this message and any attachments from your system.

Mark Reinbold <markreinbold@utah.gov>
To: "Jantz, Tom" <Tom.Jantz@dvn.com>

Tue, Apr 23, 2013 at 3:24 PM

Tom,
I think this helps quite a bit for my understanding. I will let Dustin know about the new SRT. Thank you.

[Quoted text hidden]

--
Mark L. Reinbold, Environmental Scientist
Utah Department of Natural Resources
Division of Oil, Gas & Mining
1594 W North Temple
PO Box 145801
Salt Lake City, UT 84114-5801
Phone 801-538-5333
Fax 801-539-3940

Jantz, Tom <Tom.Jantz@dvn.com>
To: Mark Reinbold <markreinbold@utah.gov>
Cc: "Patrick, Julie" <Julie.Patrick@dvn.com>

Tue, Apr 30, 2013 at 7:22 AM

Mark,

Attached is the result of our most recent Step Rate Test on the Virgil Mecham 1-11A2. We ran the test with a bottom hole pressure recorder in the hole to eliminate the tubing friction. The graph indicates parting pressure of 5855 psi at 9600'. This is a frac gradient of .6 which is what would be expected in this formation. The related surface pressure was 3320 psi.

Devon requests a maximum injection pressure of 3000 psi for this well.

Please let me know if you need any further data.

Tom Jantz

Sr. Advisor, Operations

Devon Energy Production Company, L.P.

Office 405-552-7825

Cell 405-323-4619

From: Mark Reinbold [mailto:markreinbold@utah.gov]

Sent: Tuesday, April 23, 2013 4:25 PM

To: Jantz, Tom

Subject: Re: Virgil Mecham 1-11A2 SWD

[Quoted text hidden]

2 attachments

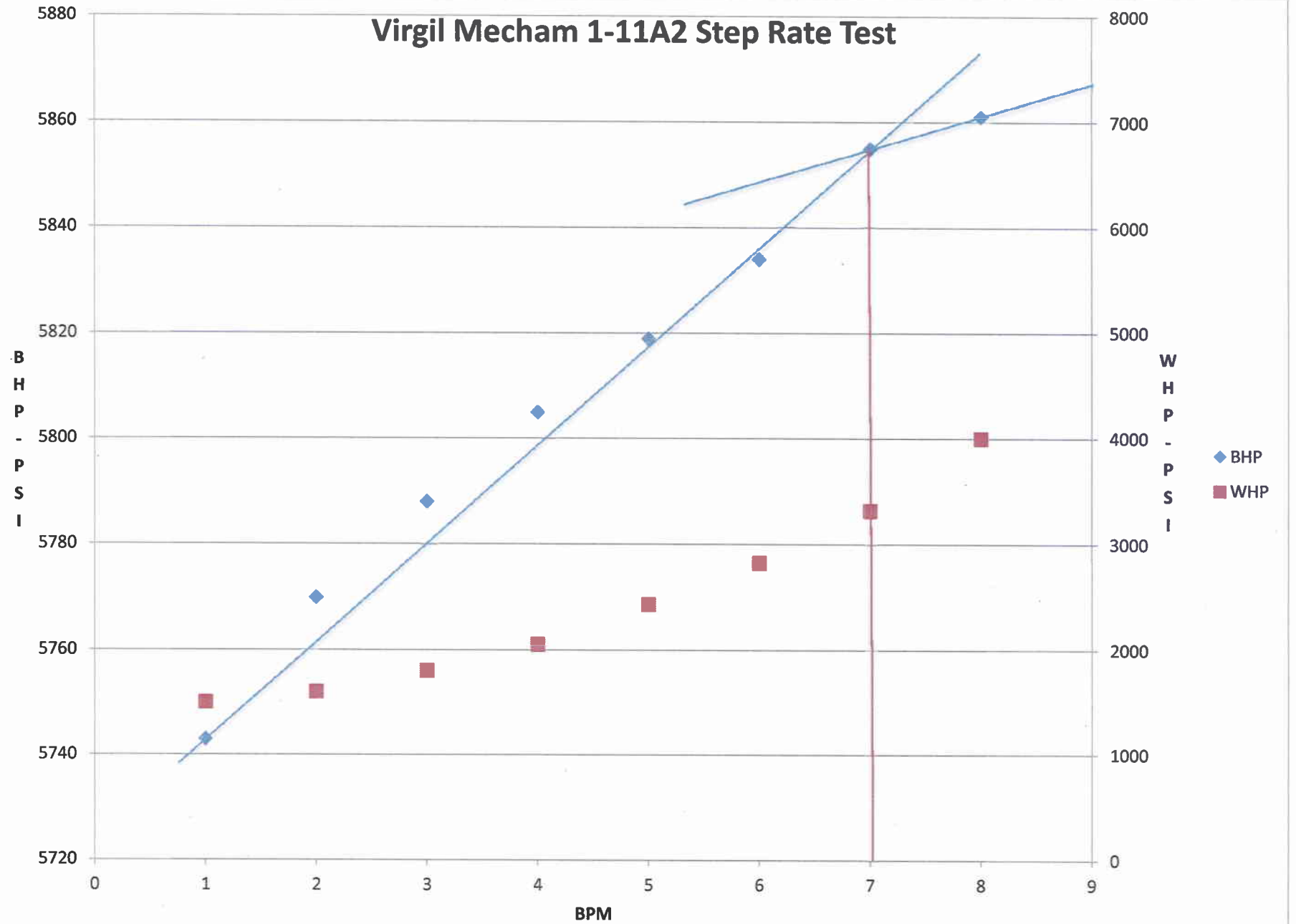


V Mecham 1-11A2 All Data.xls
3658K



step rate.pdf
1037K

Virgil Mecham 1-11A2 Step Rate Test



Step Rate Test

Devon
Virgil Mecham 1-11A2
Sales Order: 900396980

Post Job Report

For: George Gurr
Date: Monday, April 29, 2013

Notice: Although the information contained in this report is based on sound engineering practices, the copyright owner(s) does (do) not accept any responsibility whatsoever, in negligence or otherwise, for any loss or damage arising from the possession or use of the report whether in terms of correctness or otherwise. The application, therefore, by the user of this report or any part thereof, is solely at the user's own risk.

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JOB SUMMARY

REGION NORTH AMERICAN		HWA / COUNTRY ROCKY MOUNTAIN / USA		TICKET # 900396980	TICKET DATE April 29, 2013
MBU ID / EMP #		H.E.S. EMPLOYEE NAME / EMPLOYEE #		SDA / STATE UTAH	COUNTY UINTAH
LOCATION VERNAL UT.		COMPANY DEVON ENERGY		FSL DEPARTMENT PRODUCTION ENHANCEMENT	
TICKET AMOUNT		WELL TYPE WELL CATEGORY		CUSTOMER REP / PHONE GEORGE GURR	
WELL LOCATION LAND		DEPARTMENT 5005		APU/UM #	
LEASE VERGIL MECHAM		SEC / TWP / RNG		JOB PURPOSE CODE	
WELL # 1-11 A2					

H.E.S. EMP NAME / EMP # (EXPOSURE HOURS)	HRS	HRS	HRS	HRS
W. MITCHELL / 469552	14.0			
A. DINGEMANSE / 469384	14.0			
D. MCGUIRE / 477308	14.0			
P. MADRID / 469388	14.0			
A. POPE / 272622	14.0			
B. MERRELL / 244956	14.0			
	14.0			

H.E.S. UNIT # (R/T MILES)	R/T MILES	R/T MILES	R/T MILES	R/T MILES
10811717	70			
11255765-10811404	70			
11808769-10026427	70			
10289695-11256887	70			
11074872	70			
	70			
	70			

Form Name _____ Type: _____		Called Out _____ On Location _____ Job Started _____ Job Completed _____	
Form Thickness _____ From _____ To _____	Set At _____ 8.907	Date _____ 4/29/2013	4/29/2013
Packer Type _____	Pressure _____ #VALUE!	Time _____ 0300	0500
Bottom Hole Temp. _____	Total Depth _____	0915	1157
Misc. Data _____			

Materials		Well Data			
		New/Used	Weight	Size	
Treat. Fluid	Density 9.65 Lb/Gal	Casing	18.00	5.000	From 0 To 10,000
Disp. Fluid	Density _____ Lb/Gal	Casing	6.50	2.875	0 8.907
Prop. Type	Sz _____ Lb.	Liner			
Prop. Type	Sz _____ Lb.	Tbg. / D.P.			
Acid Type	Gal. _____ %	Tbg. / D.P.			
Acid Type	Gal. _____ %	Open Hole			
Surfactant	Gal. _____ In	Perforations			9554 9.732
Surfactant	Gal. _____ In	Perforations			
Fluid Loss	Gal/Lb _____ In	Perforations			
Gelling Agent	Gal _____ In	Perforations			
Breaker	Gal/Lb _____ In	Perforations			
Breaker	Gal/Lb _____ In	Perforations			
INHIBITOR	Gal/Lb _____ In	Perforations			
Bioballs	Qty. _____	Perforations			
Biocide	Gal/Lb _____ In	Perforations			
Cross-linker	Gal/Lb _____ In				
Cross-linker	Gal/Lb _____ In				
Clay Control	Gal/Lb _____ In				
Clay Control	Gal/Lb _____ In				
Buffer	Gal/Lb _____ In				
Buffer	Gal/Lb _____ In				
Buffer	Gal/Lb _____ In				
Foamer	Gal/Lb _____ In				
Catalyst	Gal/Lb _____ In				
Other	Gal/Lb _____ In				
Other	Gal/Lb _____ In				
Other	Gal/Lb _____ In				
Other	Gal/Lb _____ In				
Other	Gal/Lb _____ In				
Other	Gal/Lb _____ In				

Hours On Location		Operating Hours		Description of Job
Date	Hours	Date	Hours	
04/29/13	9.0	04/29/13	2.50	
Total	9.0	Total	2.50	

Job Leaders		Treating Personnel	
MBU LDR. _____	VAN _____	A. POPE / 272622	
TEAM LDR. A. POPE / 272622	SAFTEY A. DINGEMANSE / 469384		
ENG. A. POPE / 272622	DRIVER A. POPE / 272622		
Hydraulic Horsepower			
Ordered 1,500	Avail. 1,500	Used 331	
Rates in BPM			
Max. Rate 8.0		Avg. Rate 4.5	

Pressures				Volumes			
Circulating _____	Displacement _____	Preflush: Gal - Bbl _____	Type: _____				
Breakdown _____	Maximum _____	Load & Bkdn: Gal - Bbl _____	Pad: Bbl - Gal _____				
Average 3,000	Frac. Gradient _____	Treatment: Gal - Bbl _____	Disp: Bbl - Gal _____				
Shut In: Instant 1,850	5 Min. 1,611	10 MIN 1,593	Total Volume Gal - Bbl 25.452			606.0	BBL

TICKET DATE
April 29, 2013

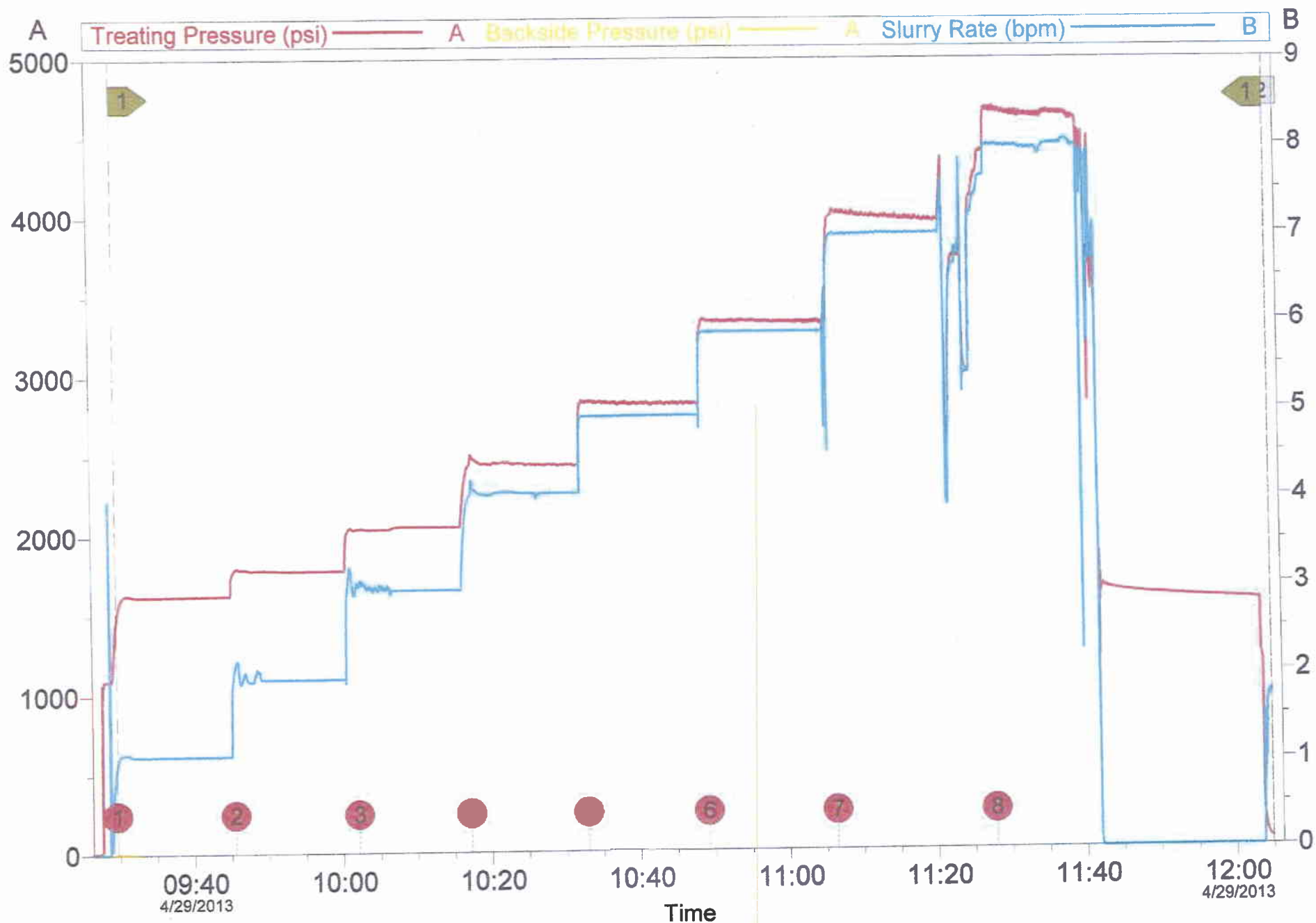
COUNTY
UINTAH

ANCMENT®

API/UWI #	
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JOB PURPOSE CODE	0
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SEC / TWP / RNG
0[illegible]

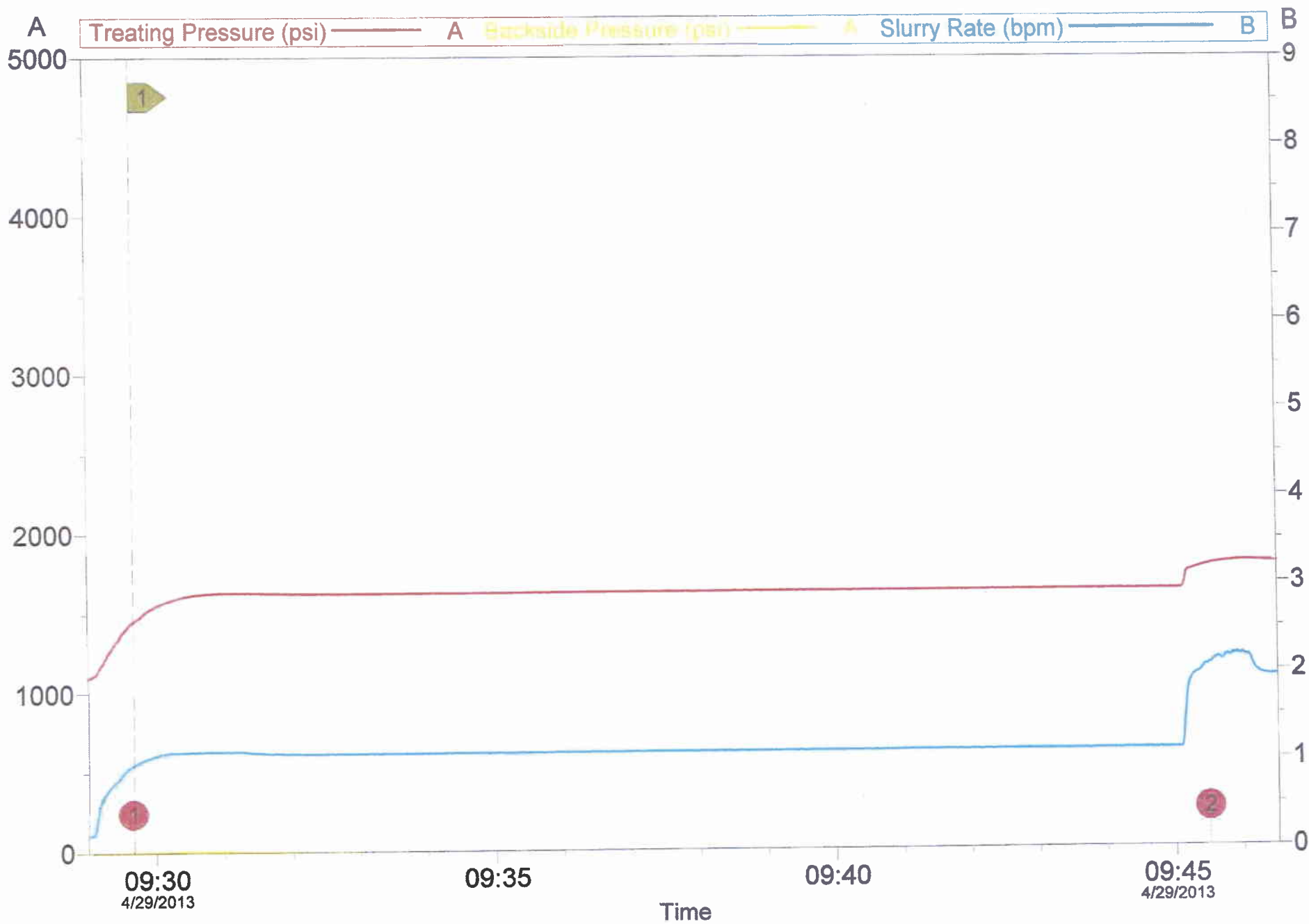


Customer: Devon
Well Description: Virgil Mecham 1-11A2

Job Date: 29-Apr-2013
UWI:

Sales Order #: 900396980

INSITE for Stimulation v4.3.1
29-Apr-13 12:05

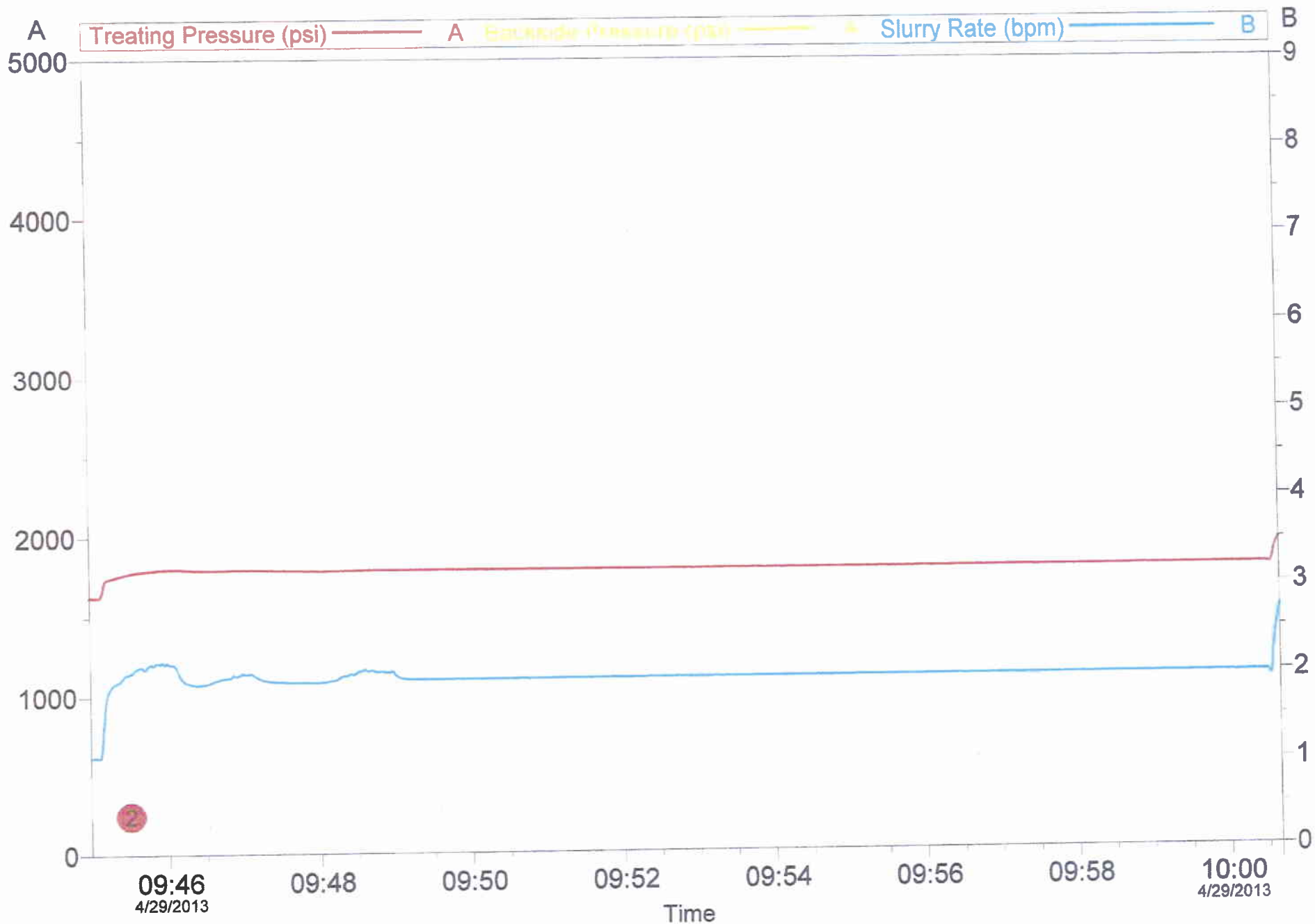


Customer: Devon
Well Description: Virgil Mecham 1-11A2

Job Date: 29-Apr-2013
UWI:

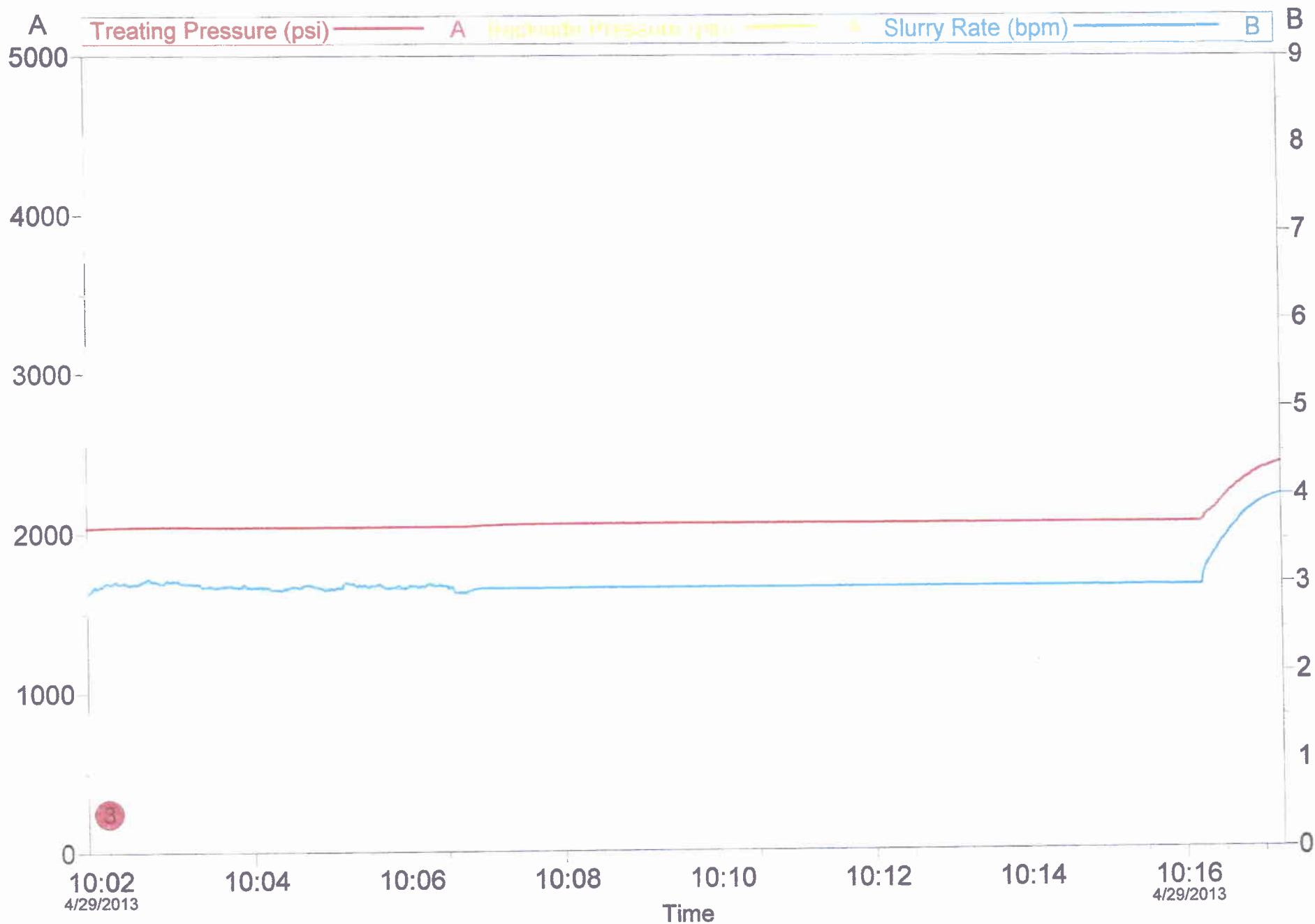
Sales Order #: 900396980

INSITE for Stimulation v4.3.1
29-Apr-13 12:08



Customer:	Devon	Job Date:	29-Apr-2013	Sales Order #:	900396980
Well Description:	Virgil Mecham 1-11A2	UWI:			

INSITE for Stimulation v4.3.1
29-Apr-13 12:08

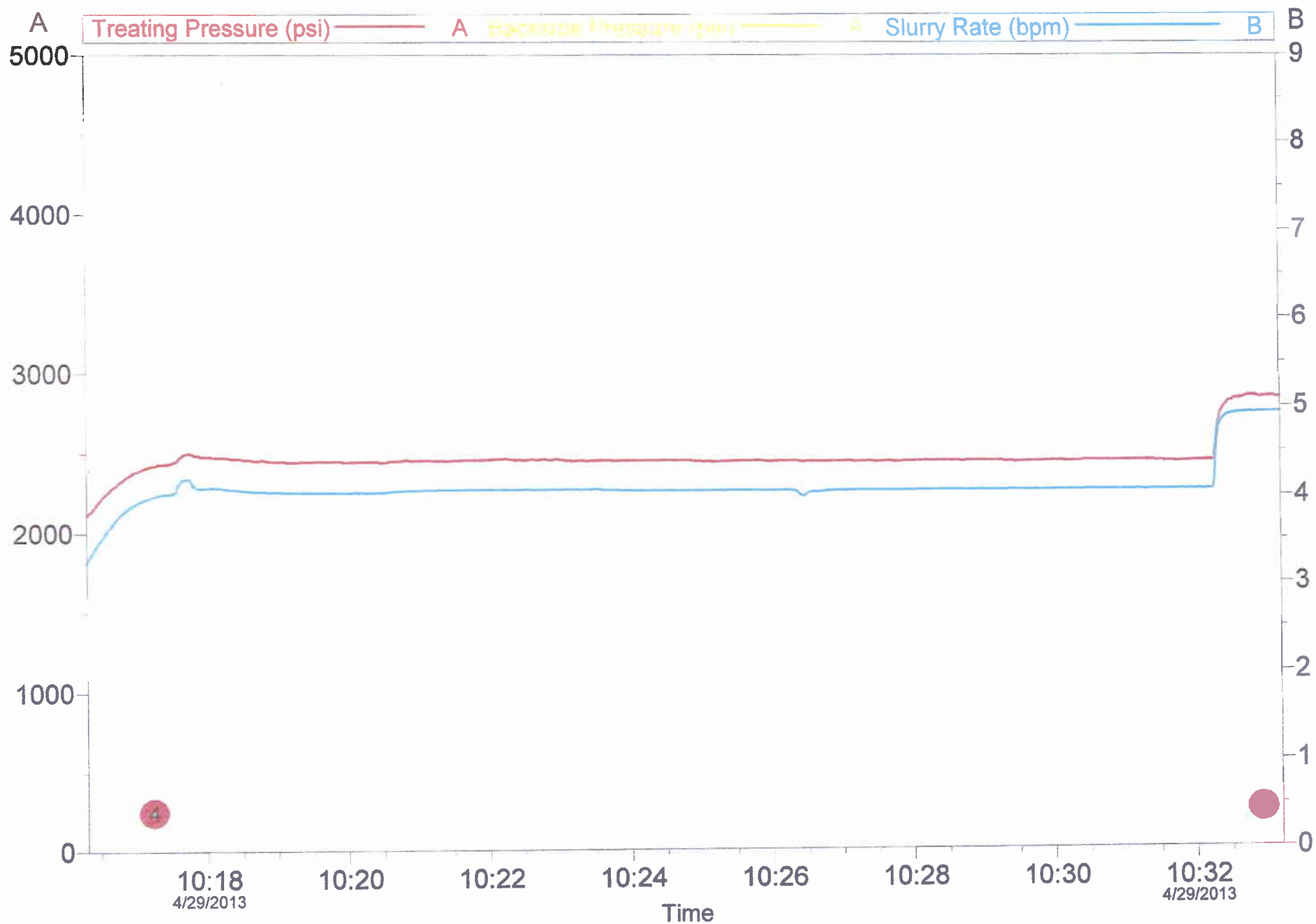


Customer: Devon
Well Description: Virgil Mecham 1-11A2

Job Date: 29-Apr-2013
UWI:

Sales Order #: 900396980

INSITE for Stimulation v4.3.1
29-Apr-13 12:07

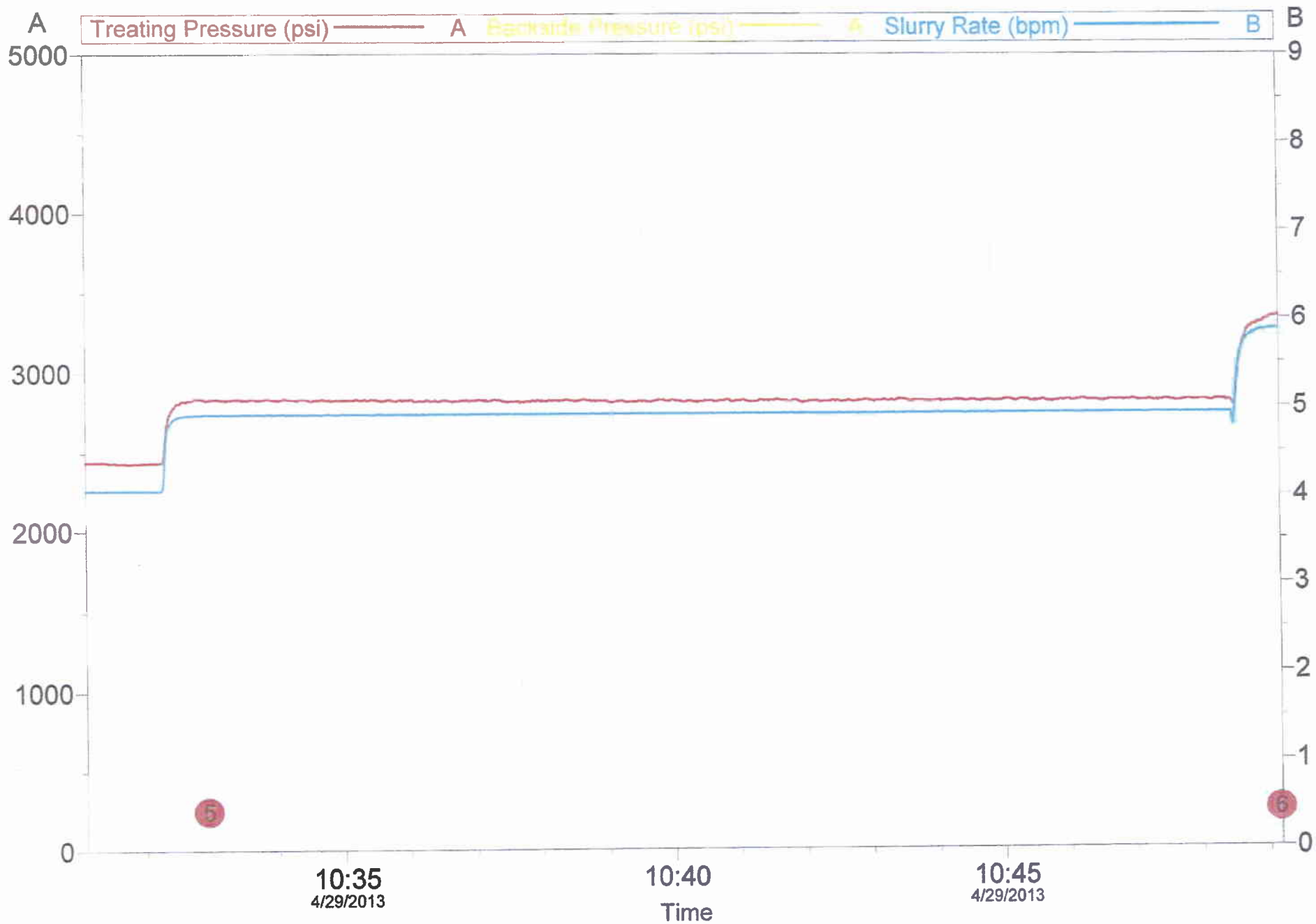


Customer: Devon
Well Description: Virgil Mecham 1-11A2

Job Date: 29-Apr-2013
UWI:

Sales Order #: 900396980

INSITE for Stimulation v4.3.1
29-Apr-13 12:07

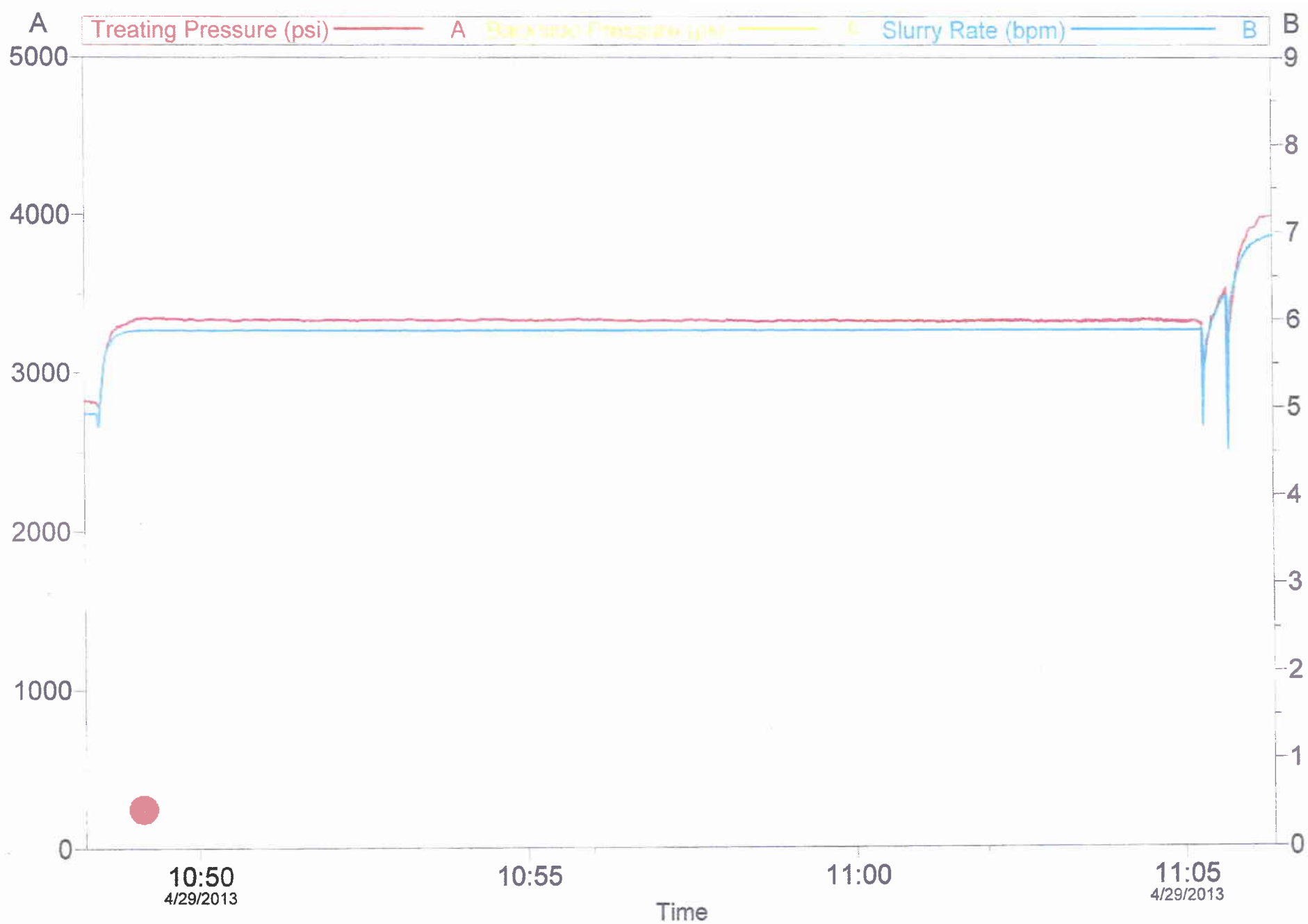


Customer: Devon
Well Description: Virgil Mecham 1-11A2

Job Date: 29-Apr-2013
UWI:

Sales Order #: 900396980

INSITE for Stimulation v4.3.1
29-Apr-13 12:07

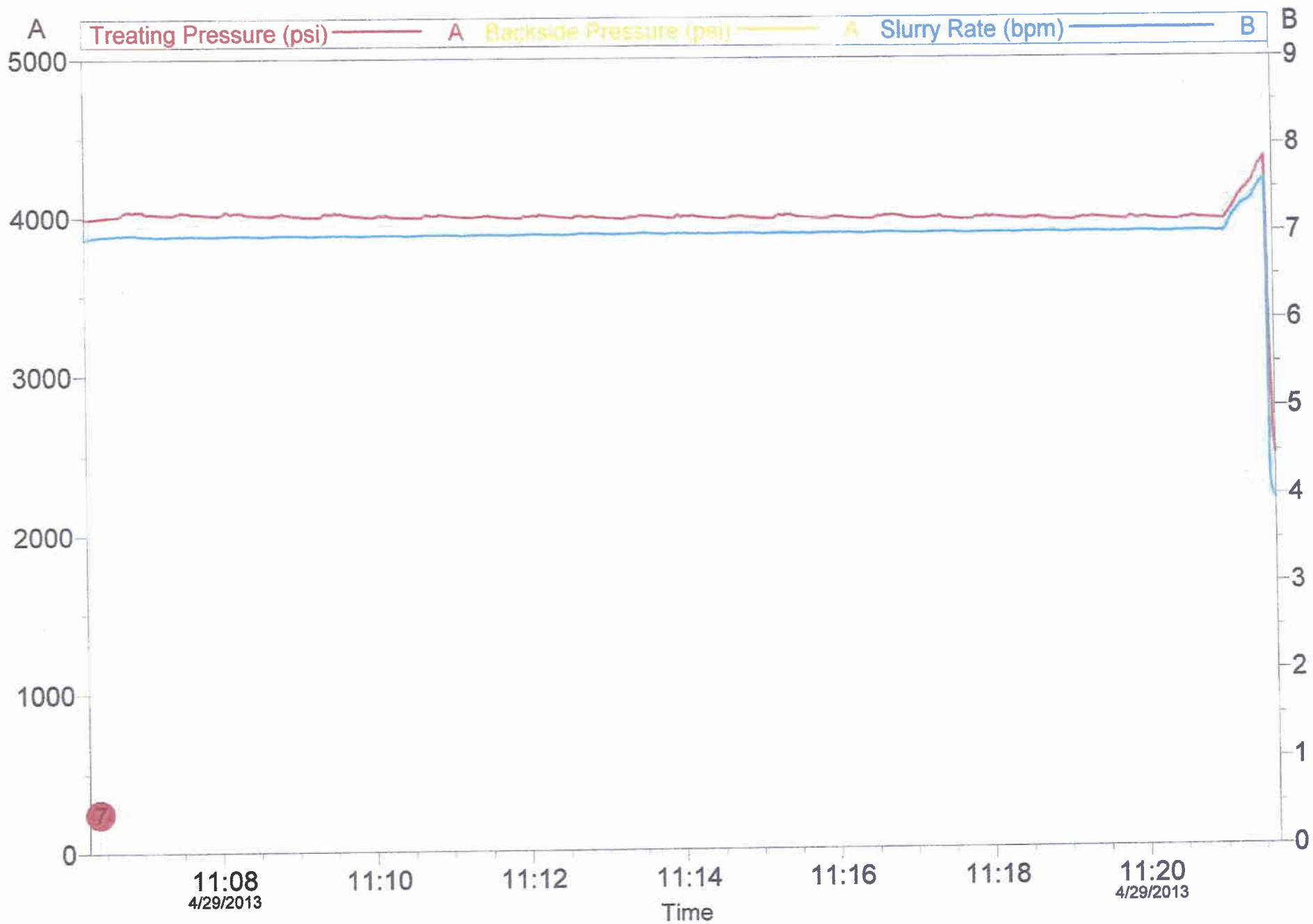


Customer: Devon
Well Description: Virgil Mecham 1-11A2

Job Date: 29-Apr-2013
UWI:

Sales Order #: 900396980

INSITE for Stimulation v4.3.1
29-Apr-13 12:06

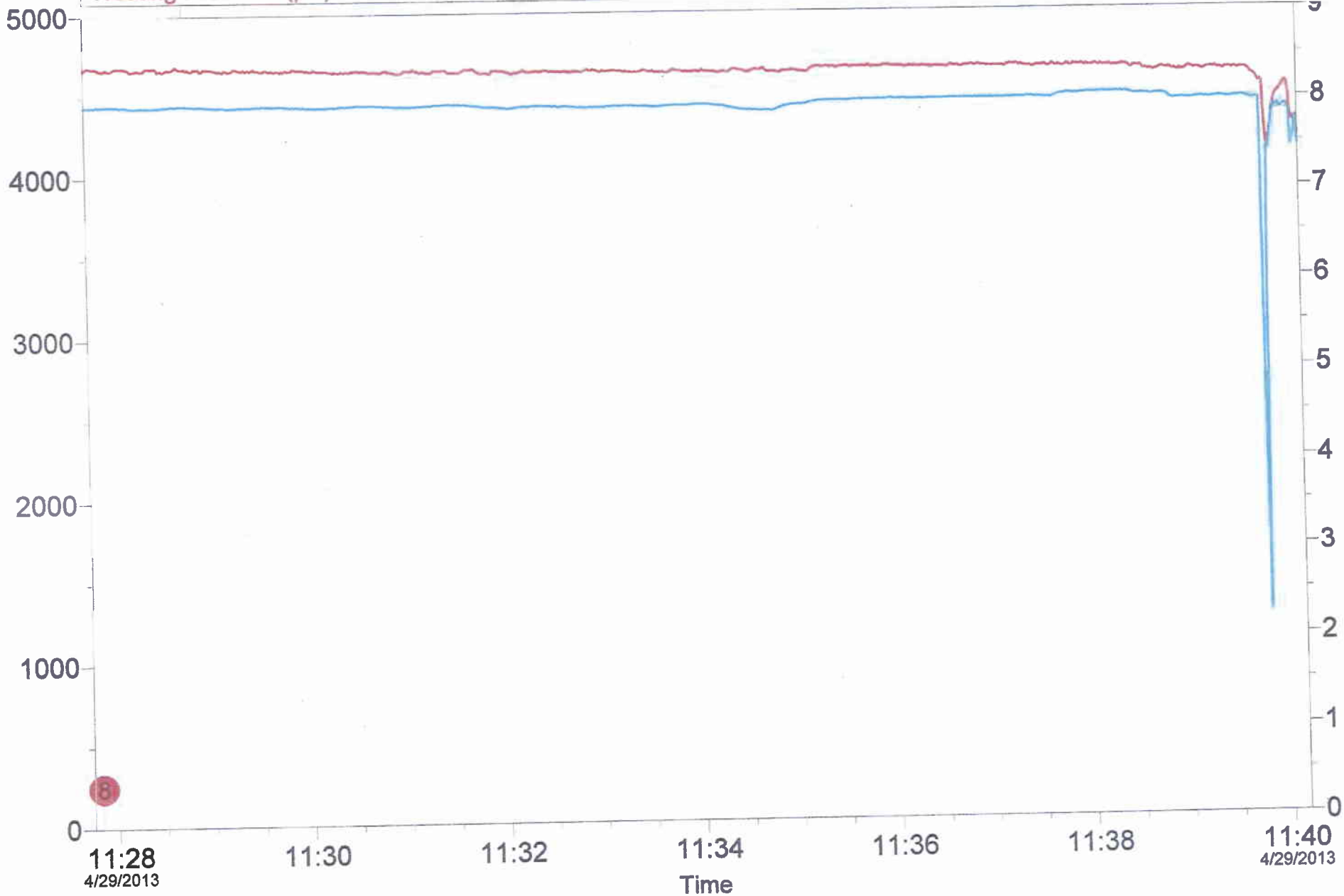


Customer: Devon
Well Description: Virgil Mecham 1-11A2

Job Date: 29-Apr-2013
UWI:

Sales Order #: 900396980

INSITE for Stimulation v4.3.1
29-Apr-13 12:06



Customer: Devon
Well Description: Virgil Mecham 1-11A2

Job Date: 29-Apr-2013
UWI:

Sales Order #: 900396980

INSITE for Stimulation v4.3.1
29-Apr-13 12:05

HALLIBURTON

Field Ticket

Field Ticket Number: 900396980		Field Ticket Date: Monday, April 29, 2013	
Bill To: DEVON ENERGY PROD CO LP-EBUSINESS DO NOT MAIL- PO BOX 1678 OKLAHOMA CITY, OK 73101-8838		Job Name: VIRGIL MECHAM 1-11A2 Order Type: Streamline Order (ZOH) Well Name: Virgil Mecham 1-11A2 Company Code: 1100 Customer PO No.: NA Shipping Point: Vernal, UT, USA Sales Office: Rocky Mountains BD Well Type: Gas Well Category: Development	
Ship To: DEVON VIRGIL MECHAM 1-11A2, DUCHESNE VIRGIL MECHAM 1-11A2 2886133 SECTION 11-T1S-R2W NEOLA, UT 84053			

Material	Description	QTY	UOM	Base Amt	Unit Amt	Gross Amount	Discount	Net Amount
13288	PE BOM-ACIDIZE FORMATION W/O CT	1	JOB	0.00	0.00	0.00		0.00
3124	MILEAGE FOR FRAC EQUIPMENT	80	MI	0.00	9.79	2,349.60	45%	1,292.28
	Number of Units	3						
3125	MILEAGE FOR FRACTURING CREW	80	MI	0.00	5.76	921.60	45%	506.88
	Number of Units	2						
16134	STIM PUMP CHG ACID- FIRST 2 HRS	3	EA	0.00	3,562.00	10,686.00	45%	5,877.30
	PRESSURE	3000						
	PRESSURE UNITS (PSI/MPA/BAR)		PSI					
16135	ON-LOC PUMP CHARGE ACID STIM	1	EA	1,050.00	506.00	1,556.00	45%	855.80
	HOURS OR FRACTION (MIN2)	3						
	HR/DAY/WEEK/MTH/YEAR/JOB/RUN	0						
87056	STIM HEAVY TRUCKS (> 11/2 TONS)/MILE	80	MI	0.00	0.71	170.40		170.40
	Number of Units	3						
87055	STIM CAR-PICKUP (< 11/2 TONS)/MILE	80	MI	0.00	0.24	38.40		38.40
	Number of Units	2						
109245	Stim Pumping Fuel Charge	3	H	0.00	35.91	215.46		215.46
	NUMBER OF HORSEPOWER	1000						
	HHP/KW	0						
373061	PE DOT Vehicle Charge	3	EA	0.00	241.00	723.00		723.00
369282	PE Iron Certification, each	1	EA	0.00	500.00	500.00		500.00
21711	PE Environmental Charge	1	JOB	0.00	254.00	254.00		254.00

HALLIBURTON

Field Ticket

Field Ticket Number: 900396980	Field Ticket Date: Monday, April 29, 2013
Bill To: DEVON ENERGY PROD CO LP-EBUSINESS DO NOT MAIL- PO BOX 1678 OKLAHOMA CITY, OK 73101-8838	Job Name: VIRGIL MECHAM 1-11A2 Order Type: Streamline Order (ZOH) Well Name: Virgil Mecham 1-11A2 Company Code: 1100 Customer PO No.: NA Shipping Point: Vernal, UT, USA Sales Office: Rocky Mountains BD Well Type: Gas Well Category: Development
Ship To: DEVON VIRGIL MECHAM 1-11A2, DUCHESNE VIRGIL MECHAM 1-11A2 2886133 SECTION 11-T1S-R2W NEOLA, UT 84053	

Material	Description	QTY	UOM	Base Amt	Unit Amt	Gross Amount	Discount	Net Amount
				Totals	USD	17,414.46	6,980.94	10,433.52

Halliburton Rep:

Customer Agent:

Halliburton Approval:

THIS OUTPUT DOES NOT INCLUDE TAXES. APPLICABLE SALES TAX WILL BE BILLED ON THE FINAL INVOICE.
 CUSTOMER HEREBY ACKNOWLEDGES RECEIPT OF THE MATERIALS AND SERVICES DESCRIBED ABOVE AND ON THE ATTACHED DOCUMENTS.

X

FIELD TICKET TOTAL: USD

10,433.52

Customer Signature

Was our HSE performance satisfactory? Y or N
 (Health, Safety, Environment)


Were you satisfied with our Equipment? Y or N

Were you satisfied with our people? Y or N

Comments

Customer Information Only
Devon location
WBS Number
Cost Center
GL Account
Contract Number
PO Number
PO Line Number
Work Order Number

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: FEE
1. TYPE OF WELL Gas Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: DEVON ENERGY PROD CO LP		7. UNIT or CA AGREEMENT NAME:
3. ADDRESS OF OPERATOR: P.O. Box 290 8345 North 5125 West, Neola, UT, 84053		8. WELL NAME and NUMBER: VIRGIL MECHAM 1-11A2
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1320 FNL 1445 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNE Section: 11 Township: 01.0S Range: 02.0W Meridian: U		9. API NUMBER: 43013300090000
9. FIELD and POOL or WILDCAT: BLUEBELL		COUNTY: DUCHESNE
STATE: UTAH		
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 7/27/2012	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input checked="" type="checkbox"/> OTHER	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION	
<input type="checkbox"/> DRILLING REPORT Report Date:	OTHER: job log/wellbore diagram	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. Per Mark Reinbold's request, please find attached the job log and wellbore diagram for the subject well. Thank you.		
NAME (PLEASE PRINT) Julie Patrick	PHONE NUMBER 405 228-8684	TITLE Regulatory Analyst
SIGNATURE N/A	DATE 4/5/2013	

		BBA MECHAM VIRGIL B 1-11A2				WEST UNRESTRICTED	
		OH - Property #: 062830-001					
Well Chronology							
District ROCKY MOUNTAIN	County DUCHESNE	Field Name BLUEBELL	Project Group UINTA	State/Province UT			
Surface Legal Location 11-1-S 2-W-6	API/UWI 4301330009	Latitude (°) 40° 24' 50.03" N	Longitude (°) 110° 4' 18.264" W	Ground Elev... 5,920.00	KB - GL (ft) 13.00	Orig KB Elev (ft) 5,933.00	Tubing Head Elevation (ft) 5,920.00
Job Category RECOMPLETION		Primary Job Type COMPLETION		Secondary Job Type CONVERSION			
Job Start Date 10/17/2011 06:00		Job End Date 7/27/2012 19:00		Total WBS + Sup Amount (Cost) \$677,000		Total Field Estimate (Cost) \$1,237,898	
Contractor, Rig Name PEAK WELL SERVICE		Rig Number 900		Rig Type WO/COMP/PU-ONSHORE			
Job Phase	Actual Dur (days)	Pl Cum Days ML (days)	Phase Field Est (Cost)	Planned Likely Phase Cost (Cost)		Cost Var ML (Cost)	
Report # 1							
Report Start Date 10/17/2011 06:00	Report End Date 10/18/2011 00:00	Daily Cost (Cost) \$10,520		Cum Field Est To Date (Cost) \$10,520		End Depth (ftKB) 0.0	
Description							
CREW TRAVEL SAFETY MEETING ON ROADING RIG ROAD RIG FROM LOCATION IN BALLARD TO VIRGIL MECHAM IN NEOLA SPOT RIG IN RIG UP STAND BY FOR HOT OILER RU HOT OILER TO TBG AND ATTEMPT TO GET INJECTION RATE W/ 50 BBLS DIDNT CATCH PRESSURE ND WELL HEAD NU BOPS START PULLING OUT W/ 2 7/8 TBG PACKER UNSET GOOD BUT PULLED OVER FOR THE FIRST 12 CSG COLLARS FINALLY PULLED FREE TBG STARTED BLOWING WATER, WELL WOULDNT BLOW DOWN RU HOT OILER TO TBG PUMPED 29 BBLS WELL WENT ON VACUME FINISH PULLING OUT BREAK OFF PACKER RUN IN W/ 33STANDS FOR KILL STRING SHUT WELL IN FOR NIGHT SHUT DOWN 7:00 7:00-8:00 CREW TRAVEL EOT@2534'							
Report # 2							
Report Start Date 10/18/2011 00:00	Report End Date 10/19/2011 00:00	Daily Cost (Cost) \$17,855		Cum Field Est To Date (Cost) \$28,375		End Depth (ftKB) 0.0	
Description							
CREW TRAVEL SAFETY MEETING ON TIH W/ TBG WATCH SLIPS AND ELEVATORS SITP- 600 SICP-300 OPEN WELL UP OPEN PIPE RAMS TOOH W/ KILL STRING MAKE UP COMPOSITE RETAINER AND TIH SLOW SET RETAINER @6699' FILL HOLE W/ 40 BBLS SET FLAPPER VALVE AND TEST TBG TO 3000 PSI HELD GOOD FOR 5 MINUTES BLEED TBG OFF CHANGE TBG SWIVEL FOR T.I.W. VALVE AND SHUT WELL IN FOR NIGHT NEXT DAY RU CEMENT CREW AND PREFORM CEMENT JOB. SHUT DOWN 3:00 3:00 - 4:00 CREW TRAVEL RETAINER AT 6699'							
Report # 3							
Report Start Date 10/19/2011 00:00	Report End Date 10/20/2011 00:00	Daily Cost (Cost) \$6,720		Cum Field Est To Date (Cost) \$35,095		End Depth (ftKB) 0.0	
Description							
CREW TRAVEL SAFETY MEETING ON PRESSURE ON HARD LINES SITP-0 SICP-0 OPEN WELL UP STAND BY FOR CEMENT CREW TO GET UNSTUCK RU CEMENT CREW TO TBG AND PREFORM CEMENT JOB W/ 200 SACKS OF CEMENT STARTED TO HOLD PSI STING OUT OF RETAINER PULL 10 STANDS AND SHUT WELL IN LET CEMENT CURE OVER NIGHT. NEXT DAY STING BACK IN TO RETAINER AND PRESSURE UP ON CSG POSSIBLE 2nd CEMENT JOB. SHUT DOWN 2:30 2:30-3:30 CREW TRAVEL EOT @ 6063'							
Report # 4							
Report Start Date 10/20/2011 00:00	Report End Date 10/21/2011 00:00	Daily Cost (Cost) \$43,150		Cum Field Est To Date (Cost) \$78,245		End Depth (ftKB) 0.0	
Description							
CREW TRAVEL SAFETY MEETING ON SLIPS TRIPS AND FALLS - SITP - VACUME SICP - 20 BLEED WELL DOWN OPEN WELL UP TIH W/ 10 STANDS STING BACK IN TO RETAINER FILL CSG W/ 20 BBLS FILL TBG W/ 3 BBLS ATTEMPT TO PRESSURE TEST STARTED TO INJECT AT 2 BPM W/ 400 PSI SHUT DOWN STAND BY FOR CEMENT RU CEMENT CREW PUMP 200 SACKS LET LAST 10 BBLS OF CEMENT SIT IN TBG KEEP PRESSUREING UP ON TBG FINALLY STARTED TO GET PRESSURE PULL 5 STANDS AND REVERSE OUT PULL 5 MORE STANDS AND SHUT TBG IN FOR NIGHT. SHUT DOWN 5:30 5:30-6:30 CREW TRAVEL EOT @ 6063' NEXT DAY STING IN TO RETAINER AND PRESSURE TEST TOOH AND BREAK OFF STINGER AND MAKE UP PACKER AND TIH TO ISOLATE CSG LEAK AND PREFORM CEMENT JOB							
Report # 5							
Report Start Date 10/21/2011 00:00	Report End Date 10/22/2011 00:00	Daily Cost (Cost) \$11,370		Cum Field Est To Date (Cost) \$89,615		End Depth (ftKB) 0.0	
Description							
CREW TRAVEL SAFETY MEETING ON GUAGING WELL AND TRAPPED PRESSURE SITP- SICP- BLEED WELL DOWN OPEN WELL UP TIH W/ 10 STANDS AND ATTEMPT TO STING INTO RETAINER TRY TO PRESSURE TEST WELL JUST CIRCULATED TOOH W/ STINGER LAY STINGER DOWN AND TIH W/ PACKER SET AT 4688' NO TEST WORK DOWN TESTING EVERY 2 STANDS FINALLY GOT TEST AT 5113' TOOH TO 4565 AND SET PKR NO TEST WORK OUT TESTING DOWN CSG GOT GOOD TEST AT 3562' AND COULDNT UNSET PKR TOOH UNTIL PKR UNSET. MAKE SURE PKR SET AND UNSET GOOD TIH AND CIRCULATE WELL CLEAN AT 6606' TAGGED FILL AT 6655' TRY TO CLEAN WELL UP WELL STARTED GIVING UP FILL DIRT CIRCULATE WELL FOR 1 1/2 HRS WOULDNT CLEAN UP SHUT PUMP DOWN TOOH ABOVE PERFS SHUT DOWN FOR WEEKEND. NEXT MONDAY FINISH TESTING W/ PKR AND ISOLATE HOLE. SHUT DOWN 7:30 7:30 - 8:30 CREW TRAVEL EOT @ 2986'							
Report # 6							
Report Start Date 10/25/2011 00:00	Report End Date 10/26/2011 00:00	Daily Cost (Cost) \$520		Cum Field Est To Date (Cost) \$90,135		End Depth (ftKB) 0.0	
Description							
WELL CONTROL SHCOOL							
Report # 7							
Report Start Date 10/26/2011 00:00	Report End Date 10/27/2011 00:00	Daily Cost (Cost) \$10,870		Cum Field Est To Date (Cost) \$101,005		End Depth (ftKB) 0.0	
Description							

**BBA MECHAM VIRGIL B 1-11A2**

OH - Property #: 062830-001

WEST UNRESTRICTED**Well Chronology**

District ROCKY MOUNTAIN	County DUCHESNE	Field Name BLUEBELL	Project Group UINTA	State/Province UT
Surface Legal Location 11-1-S 2-W-6	API/UWI 4301330009	Latitude (°) 40° 24' 50.03" N	Longitude (°) 110° 4' 18.264" W	Ground Elev... 5,920.00
				KB - GL (ft) 13.00
				Orig KB Elev (ft) 5,933.00
				Tubing Head Elevation (ft) 5,920.00

Description

CREW TRAVEL SAFETY MEETING ON WEATHER AND WORKING CONDITIONS SITP-VACUME SICP-20 BLEED WELL DOWN OPEN WELL UP TIH AND SET PKR @4688' NO TEST UNSET TIH AND SET @5110' GOOD TEST WORK BACK OUT TESTING ISOLATED TOP AT 3471' W/ 114 JTS IN HOLE TOO HIGH AND BREAK OFF PKR MAKE UP RETAINER AND TIH SET RETAINER AT 3288' STING OUT TEST CSG TO 1000 PSI SET RETAINER TO TEST TBG GOOD TEST SHUT WELL IN FOR NIGHT SHUT DOWN 5:30 5:30 - 6:30 CREW TRAVEL EOT AT 3288' NEXT DAY PREFORM CEMENT JOB W/ 100 SACKS AND LET SIT OVER NIGHT.

Report # 8

Report Start Date 10/27/2011 00:00	Report End Date 10/28/2011 00:00	Daily Cost (Cost) \$10,120	Cum Field Est To Date (Cost) \$111,125	End Depth (ftKB) 0.0
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Description

CREW TRAVEL SAFETY MEETING ON PUMPING CEMENT SITP-0 SICP-0 OPEN WELL UP STING BACK INTO CEMENT RETAINER RU CEMENT CREW TO TBG PREFORM CEMENT JOB PUMPED 100 SACKS STARTED TO GET PRESSURE AT END OF JOB SHUT DOWN AND LET CEMENT SIT FOR 1/2 HOUR START PUMPING TO SEE WHAT KIND OF PSI WE GET KEEP PUMPING 1/2 BBL AT A TIME AND LET SIT FOR 1/2 HOUR BETWEEN FINALLY HAD TO PUMP AWAY AND REVERSE OUT PULL 10 STANDS AND SHUT WELL IN FOR NIGHT. NEXT DAY DEVISE PLAN ON WEATHER OR NOT TO ORDER MORE CEMENT OR WAIT AND PRESSURE TEST. EOT @ SHUT DOWN 3:00 3:00 - 4:00 CREW TRAVEL

Report # 9

Report Start Date 10/28/2011 00:00	Report End Date 10/29/2011 00:00	Daily Cost (Cost) \$40,738	Cum Field Est To Date (Cost) \$151,863	End Depth (ftKB) 0.0
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Description

CREW TRAVEL SAFETY MEETING ON COLD WEATHER SITP-0 SICP-0 OPEN WELL UP TIH W/ 10 STANDS OUT OF DERRIK TAG UP AND STING INTO RETAINER PRESSURE TEST TBG WAS COMMUNICATING W/ CSG TOO HIGH AND REDRESS STINGER TIH AND PRESSURE TEST TESTED GOOD TOO HIGH AND LAY DOWN STINGER MAKE UP BIT AND SUB AND PICK UP 4 - 4 1/2 DRILL COLLARS TIH TAG UP RU POWER SWIVEL AND DRILL OUT RETAINER RUN IN W/ JTS LAYED DOWN HANG POWER SWIVEL BACK IN DERRIK RUN IN AND TAG AGAIN AT 3544' PRESSURE TEST TO 1000' LOST 100 PSI IN 5 MINUTES BLEED DOWN AND PULL UP ABOVE BAD SPOT AND SHUT WELL IN. NEXT MONDAY GET A GOOD TEST FOR 15 MIN AND AND CLEAN OUT TO NEXT RETAINER. SHUT DOWN AT 6:30 6:30 - 7:30 CREW TRAVEL EOT @ 3223'

Report # 10

Report Start Date 10/31/2011 00:00	Report End Date 11/1/2011 00:00	Daily Cost (Cost) \$12,520	Cum Field Est To Date (Cost) \$164,383	End Depth (ftKB) 0.0
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Description

CREW TRAVEL SAFETY MEETING ON - DRILLING OUT CEMENT SITP - 20 SICP - 0 BLEED WELL DOWN OPEN WELL UP TIH W/ STANDS OUT OF DERRIK TAG UP @ 3544' RU POWER SWIVEL START DRILLING DRILLED THROUGH CEMENT AT 3550' FELL THROUGH TAG UP AGAIN AT 3555' FELL THROUGH AT 3557' CHASED IN W/ 4 JTS OFF GROUND HANG SWIVEL BACK IN DERRIK TIH OUT OF DERRIK TAG UP @ 6487' RU POWER SWIVEL CIRCULATE FILL OUT COULDN'T CIRCULATE DOWN CSG AT FIRST CIRCULATED DOWN TBG UP CSG CLEANED OUTFILL FROM 6488' TO 6675' POSSIBLE PLUGGED BIT OR SUB CLEAN UP WELL BORE AND PULL 10 STANDS SHUT WELL IN FOR NIGHT. NEXT DAY FINISH TOO HIGH AND INSPECT COLLARS AND TIH TO FINISH CLEANING OUT. SHUT DOWN 6:30 6:30 - 7:30 CREW TRAVEL EOT @ 6027'

Report # 11

Report Start Date 11/1/2011 00:00	Report End Date 11/2/2011 00:00	Daily Cost (Cost) \$9,770	Cum Field Est To Date (Cost) \$174,153	End Depth (ftKB) 0.0
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Description

CREW TRAVEL SAFETY MEETING ON USING HAND RAILS AND STAIRS SITP-0 SICP-0 OPEN WELL UP RU PUMP AND HARD LINE PUMP WELL UP TO 1000 PSI AND TEST FOR 15 MINUTES LOST 75 PSI PUMP BACK UP TO 1000 PSI AND HOLD FOR 30 MINUTES LOST 100 PSI IN 30 MINUTES BLEED WELL OFF AND TOO HIGH CHECK DRILL COLLARS AND BIT AND SUB FOR PLUGGED. TIH AND RU 4 STAR TO PRESSURE TEST CSG TO 1000 PSI FROM SURFACE TO 6645' AND WATCH PIE CHART AND GAUGE ON TBG, 2" ON CSG WAS LEAKING TIGHTENED UP AND PRESSURE WELL UP FOR 30 MINUTES TESTED GOOD BLEED WELL OFF LAY DOWN JTS AND RU POWER SWIVEL DRILL OUT FIRST PART OF CEMENT AND RETAINER CIRCULATE WELL CLEAN PULL UP AND SHUT WELL IN DRAIN UP PUMP. NEXT DAY RU POWER SWIVEL AND FINISH DRILLING UP RETAINER. SHUT DOWN 7:00 7:00 - 8:00 CREW TRAVEL EOT @ 6660'

Report # 12

Report Start Date 11/2/2011 00:00	Report End Date 11/3/2011 00:00	Daily Cost (Cost) \$10,220	Cum Field Est To Date (Cost) \$184,373	End Depth (ftKB) 0.0
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Description

REW TRAVEL SAFETY MEETING ON - OVERHEAD LOADS SITP-0 SICP-0 OPEN WELL UP RU HARD LINE AND POWER SWIVEL START DRILLING DRILLED DOWN FROM 6699' TO 6850' CLEANING UP AFTER EACH JOINT PRESSURE TEST CSG TO 1000 PSI LOST 50 PSI IN 15 MIN PULL UP HIGH KELLY AND SHUT WELL IN FOR NIGHT. NEXT DAY FINISH DRILLING OUT AND CLEAN OUT TO RBP PRESSURE TEST CSG TO 1000 PSI. SHUT DOWN 6:30 6:30 - 7:30 CREW TRAVEL

Report # 13

Report Start Date 11/3/2011 00:00	Report End Date 11/4/2011 00:00	Daily Cost (Cost) \$20,838	Cum Field Est To Date (Cost) \$205,211	End Depth (ftKB) 0.0
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Description

CREW TRAVEL SAFETY MEETING ON PICKING UP JTS W/ WINCH LINE SITP - 0 SICP - 0 OPEN WELL UP TBG WAS FROZEN RU AND PUMP DOWN TBG AND FREE UP TBG REVERSE AND PUMP DOWN CSG CIRCULATE WELL FOR 10 MIN TAG UP AND START DRILLING AT 6851' MADE 4 CONNECTIONS DRILLED TO 6968' CLEAN UP WELL BORE HANG BACK POWER SWIVEL IN DERRIK PULL 5 STANDS SHUT WELL IN FOR NIGHT. NEXT DAY TIH 5 STANDS RU POWER SWIVEL DRILL FOR COUPLE HRS MAKE BIT TRIP. SHUT DOWN 7:00 7:00 - 8:00 CREW TRAVEL EOT @ 6725'

Report # 14

Report Start Date 11/4/2011 00:00	Report End Date 11/5/2011 00:00	Daily Cost (Cost) \$9,020	Cum Field Est To Date (Cost) \$214,231	End Depth (ftKB) 0.0
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**BBA MECHAM VIRGIL B 1-11A2**

OH - Property #: 062830-001

WEST UNRESTRICTED**Well Chronology**

District ROCKY MOUNTAIN	County DUCHESENE	Field Name BLUEBELL	Project Group UINTA	State/Province UT
Surface Legal Location 11-1-S 2-W-6	API/UWI 4301330009	Latitude (°) 40° 24' 50.03" N	Longitude (°) 110° 4' 18.264" W	Ground Elev... 5,920.00
			KB - GL (ft) 13.00	Orig KB Elev (ft) 5,933.00
				Tubing Head Elevation (ft) 5,920.00

Description

CREW TRAVEL SAFETY MEETING ON KEEPING TBG TURNING SITP- VAC SICP- VAC TIH W/ 5 STANDS RU POWER SWIVEL AND PUMP TAG UP AND BREAK CIRCULATION START DRILLING @ 6968' FELL THROUGH AT 6987' TAG UP AGAIN AT 7002' FELL THROUGH AGAIN AT 7026' CIRCULATE FILL OUT PICK UP REMAINDER OF JTS OFF PIPE RACKS DIDNT TAG RBP WHARE IT WAS SUPPOSED TO BE KEEP CIRCULATING WELL AND GET 25 MORE JTS DELIVERED TO LOCATION TALLYJTS AND PICK UP AND TAG FILL ON TOP OF RBP @9802' POSSIBLE 86' OF FILL PULL OUT W/ 50 STANDS SHUT WELL IN NEXT MONDAY FINISH TOOH AND STAND BACK COLLARS AND MAKE UP RETRIEVING HEAD TIH AND RETRIEVE RBP.
SHUT DOWN 7:30 7:30 - 8:30 CREW TRAVEL EOT @6783'

Report # 15

Report Start Date 11/6/2011 06:00	Report End Date 11/7/2011 06:00	Daily Cost (Cost) \$13,800	Cum Field Est To Date (Cost) \$228,031	End Depth (ftKB) 0.0
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Description

CREW TRAVEL SAFETY MEETING ON UNSETTING PLUG SITP - 600 SICP - 500 BLEED WELL DOWN OPEN WELL UP FINISH TOOH STAND BACK DRILL COLLARS MAKE UP RETRIEVING HEAD TIH AND INGUAGE RBP @ 9802' RU POWER SWIVEL BREAK CIRCULATION JAYED UP ON PLUG GOOD WOULDNT RESET TOOH AND LAY DOWN PLUG AND RET HEAD SHUT WELL I. NEXT DAY BLEED WELL DOWN AND MAKE UP RBP TIH AND SET.
SHUT DOWN 6:30 6:30-7:30 CREW TRAVEL

Report # 16

Report Start Date 11/7/2011 06:00	Report End Date 11/8/2011 06:00	Daily Cost (Cost) \$13,590	Cum Field Est To Date (Cost) \$241,621	End Depth (ftKB) 0.0
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Description

CREW TRAVEL SAFETY MEETING ON SETTING TOOLS SICP - 100 BLEED WELL DOWN OPEN WELL UP MAKE UP RETRIEVING HEAD AND RBP TIH AND SET PLUG AT 8975' PACK OFF PLUG AND GET OFF PLUG PULL 1 JT ATTEMPT TO TEST CSG PRESSURED UP TO 700 PSI AND STARTED TO INJECT AT 2 BPM TOOH BREAK OFF AND LAY DOWN RET HEAD MAKE UP PSN AND PACKER TIH AND SHUT WELL IN FOR NIGHT. NEXT DAY SET PKR AROUND 8900' AND TEST TOOLS AND ISOLATE HOLE IN CSG TOOH LAY DOWN PKR.
SHUT DOWN 6:30 6:30 - 7:30 CREW TRAVEL EOT @ 8885'

Report # 17

Report Start Date 11/9/2011 06:00	Report End Date 11/10/2011 06:00	Daily Cost (Cost) \$12,170	Cum Field Est To Date (Cost) \$253,791	End Depth (ftKB) 0.0
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Description

CREW TRAVEL SAFETY MEETING ON FLAGGING GUY LINES SITP - 200 SICP - 200 BLEED WELL DOWN OPEN WELL UP SET PKR AT 8880' TEST PKR AND PLUG GOOD TEST PULL UP AND SET PKR AT 8003' TEST DOWN TBG GOOD TEST MOVE UP TO 7194 TESTED DOWN TBG NO TEST MOVE DOWN FINALLY GOT GOOD TEST AT 7318' DOWN TBG MOVE UP AND ISOLATE TOP OF HOLE AT 6818' GOT INJECTION RATE OF 2.5 BPM RU HOT OILER AND CIRCULATE WELL TO GET OIL OUT TOOH LAY DOWN PKR SHUT WELL IN. NEXT DAY MAKE UP CEMENT RETAINER AND TIH SET RETAINER AND PREFORM CEMENT JOB.
SHUT DOWN 4:00 4:00 - 5:00 CREW TRAVEL

Report # 18

Report Start Date 11/10/2011 06:00	Report End Date 11/11/2011 06:00	Daily Cost (Cost) \$43,500	Cum Field Est To Date (Cost) \$297,291	End Depth (ftKB) 0.0
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Description

CREW TRAVEL SAFETY MEETING ON PUMPING CEMENT SICP-0 OPEN WELL UP MAKE UP CEMENT STINGER AND RETAINER TIH SLOW AND SET RETAINER AT 6730' STING OUT AND SET STINGER TO TEST TBG TBG TESTED GOOD STING BACK IN TEST CSG TO 1000 PSI AND HOLD PSI ON CSG RU CEMENT CREW AND PREFORM 400 SACK CEMENT JOB SQUEEZE GOT TIGHT AND LOOKED TO BE HOLDING AT END SHUT DOWN STING OUT REVERSE OUT AND BREAK HALLIBURTON OFF TBG TOOH W/ 2 7/8 TBG SHUT BLIND RAMS PRESSURE UP ON CSG SHUT WELL IN FOR WEEKEND. NEXT MONDAY CHECK PSI ON CSG TIH W/ DRILL COLLARS AND DRILL OUT CEMENT.
SHUT DOWN 4:00 4:00 - 5:00 CREW TRAVEL

Report # 19

Report Start Date 11/14/2011 06:00	Report End Date 11/15/2011 06:00	Daily Cost (Cost) \$12,550	Cum Field Est To Date (Cost) \$309,841	End Depth (ftKB) 0.0
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Description

CREW TRAVEL SAFETY MEETING ON MAKING UP DRILL COLLARS MAKE SURE WEDDING BAND IS TIGHT SICP - 1000 BLEED WELL DOWN OPEN WELL UP MAKE UP DRILL COLLARS AND TIH W/ 2 7/8 TBG TAG UP @ 6728' w/ 2' OF CEMENT ON TOP RU POWER SWIVEL START MILLING AT 10:00 MILLED THROUGH RETAINER @ 1:30 FINISH DRILLING DOWN 2 JTS TO 6788' CLEAN WELL UP HANG SWIVEL BACK IN DERRIK PULL 5 STANDS NEXT DAY RUN IN W/ 5 STANDS RU POWER SWIVEL AND DRILL OUT CEMENT.
SHUT DOWN 6:30 6:30-7:30 CREW TRAVEL EOT @6467'

Report # 20


Report Start Date 11/15/2011 06:00	Report End Date 11/16/2011 06:00	Daily Cost (Cost) \$11,550	Cum Field Est To Date (Cost) \$321,391	End Depth (ftKB) 0.0
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Description


CREW TRAVEL SAFETY MEETING ON DRILLING KEEP TBG TURNING SITP - 0 SICP - 10 BLEED WELL DOWN OPEN WELL UP TIH W/ 5 STANDS OUT OF DERRIK RU POWER SWIVEL TAG AT 6788' AND BREAK CIRCULATION START DRILLING DRILLED FROM 6788' TO 6907' W/ 4 JTS CIRCULATE WELL CLEAN PULL 5 STANDS TO KEEP TBG FROM FREEZING SHUT WELL IN FOR NIGHT. NEXT DAY PRESSURE TEST CSG AND RUN 5 STANDS IN AND RU SWIVEL START DRILLING.
SHUT DOWN 6:30 6:30 - 7:30 CREW TRAVEL EOT @ 6594'

Report # 21

Report Start Date 11/16/2011 06:00	Report End Date 11/17/2011 06:00	Daily Cost (Cost) \$9,450	Cum Field Est To Date (Cost) \$330,841	End Depth (ftKB) 0.0
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		BBA MECHAM VIRGIL B 1-11A2				WEST UNRESTRICTED	
		OH - Property #: 062830-001					
Well Chronology							
District ROCKY MOUNTAIN	County DUCHESNE	Field Name BLUEBELL	Project Group UINTA	State/Province UT			
Surface Legal Location 11-1-S 2-W-6	API/UWI 4301330009	Latitude (°) 40° 24' 50.03" N	Longitude (°) 110° 4' 18.264" W	Ground Elev... 5,920.00	KB - GL (ft) 13.00	Orig KB Elev (ft) 5,933.00	Tubing Head Elevation (ft) 5,920.00
Description							
CREW TRAVEL SAFETY MEETING ON ELEVATORS AND SLIPS SITP AND SICP - VACUME OPEN WELL UPTIH W/ 5 STANDS RU POWER SWIVEL TAG SAME SPOT AT 6907' START DRILLING DRILLED TO 6968' W/ 2 JTS CLEAN WELL UP HANG POWER SWIVEL BACK IN DERRIK TOO H W/ TBG AND STAND COLLARS BACK IN DERRIK BREAK BIT OFF CHANGE BIT OUT FOR NEW 6" ROCK BIT TIH AND SHUT WELL IN. NEXT DAY TIH W/ 5 STANDS RU POWER SWIVEL AND START DRILLING.							
SHUT DOWN 6:30		6:30 - 7:30 CREW TRAVEL		EOT @ 6788'			
Report # 22							
Report Start Date 11/17/2011 06:00	Report End Date 11/18/2011 06:00	Daily Cost (Cost) \$13,150	Cum Field Est To Date (Cost) \$343,991	End Depth (ftKB) 0.0			
Description							
CREW TRAVEL SAFETY MEETING ON PPE AND IMPORTANCE SITP-0 SICP-0 OPEN WELL UP TIH W 5 STANDS RU POWER SWIVEL BREAK CIRCULATION TAG UP AND START DRILLING @ 6968' DRILLED FROM 6968' TO 7155' W/ 6 JTS STOPPED TO PRESSURE TEST AT 7125' TESTED GOOD TO 1000 PSI FOR 15 MINUTES STILL HARD CEMENT CIRCULATE WELL CLEAN PULL 5 STANDS SHUT WELL IN DRAIN PUMP AND HARD LINE. NEXT DAY RU POWER SWIVEL DRILL OUT CEMENT.							
SHUT DOWN 6:00		6:00 - 7:00 CREW TRAVEL		EOT @ 7000'			
Report # 23							
Report Start Date 11/18/2011 06:00	Report End Date 11/19/2011 06:00	Daily Cost (Cost) \$10,350	Cum Field Est To Date (Cost) \$354,341	End Depth (ftKB) 0.0			
Description							
CREW TRAVEL SAFETY MEETING ON HOUSE KEEPING SITP- 0 SICP - 0 OPEN WELL UP TIH W/ 5 STANDS RU POWER SWIVEL BREAK CIRCULATION TAG UP AND START DRILLING @ 7155' DRILLED DOWN 111' AND FELL THROUGH AT 7266' TAGGED A FEW STRINGERS LAY DOWN 6 MORE JTS CHASED IN TO 8908' RU AND TEST ON PIE CHART BLEED OFF SWIVEL IN 2 JTS AND CIRCULATE SAND OFF PLUG CLEAN WELL BORE UP HANG SWIVEL BACK PULL 15 STANDS SHUT WELL IN FOR WEEKEND. NEXT MONDAY FINISH TOO H MAKE UP RET HEAD AND RETRIEVE RBP.							
SHUT DOWN 6:30		6:30-7:30 CREW TRAVEL		EOT @ 8533'			
Report # 24							
Report Start Date 11/21/2011 06:00	Report End Date 11/22/2011 06:00	Daily Cost (Cost) \$14,550	Cum Field Est To Date (Cost) \$368,891	End Depth (ftKB) 0.0			
Description							
CREW TRAVEL SAFETY MEETING ON FLAGS ON GUY LINES SITP -0 SICP-0 OPEN WELL UP FINISH TOO H AND STAND COLLARS BACK IN DERRIK MAKE UP RETEIEVING HEAD AND TIH TO 8800' TEST CSG GOOD RU POWER SWIVEL CIRCULATE MORE FILL OFF RBP AND ENGUAGE RBP AT 8980' UNSET AND TOO H LAY DOWN RBP SHUT WELL IN. NEXT DAY RU WIRELINE COMPANY AND SET COMPOSITE PLUG AT 9215'. SHUT DOWN 6:30							
6:30 - 7:30 CREW TRAVEL							
Report # 25							
Report Start Date 11/22/2011 06:00	Report End Date 11/23/2011 06:00	Daily Cost (Cost) \$25,000	Cum Field Est To Date (Cost) \$393,891	End Depth (ftKB) 0.0			
Description							
CREW TRAVEL SAFETY MEETING ON WIRELINING SICP- 1000 BLEED WELL DOWN RU WIRELINE CREW MAKE UP SETTING TOOL AND COMPOSITE PLUG TOH AND SET PLUG AT 9215' RD WIRELINE CREW MAKE UP STINGER AND COMPOSITE RETAINER TIH W/ TBG SET RETAINER AT 8910' TEST TBG RESET STINGER AND TEST CSG FILL TBG AND ESTABLISH INJECTION RATE OF 3/4 BPM AT 1550 PSI LEAVE TBG STUNG IN RETAINER SHUT WELL IN.FOR NIGHT. NEXTDAY RU CEMENT CREW AND PREFORM CEMENT JOB.							
4:00 - 5:00 CREW TRAVEL		EOT AT 8910'					
Report # 26							
Report Start Date 11/23/2011 06:00	Report End Date 11/24/2011 06:00	Daily Cost (Cost) \$45,850	Cum Field Est To Date (Cost) \$439,741	End Depth (ftKB) 0.0			
Description							
CREW TRAVEL SAFETY MEETING ON PRESSURES SITP-1000 SICP-0 RU CEMENT CREW UP TO TBG GET INJECTION RATE OF .5 BPM AT 1650 PSI STING OUT OF RETAINER AND SPOT CEMENT TO BOTTOM OF TBG STING BACK IN AND PREFORM CEMENT JOB STING OUT UNHOOK FROM TBG PULL 5 STANDS HOOK BACK UP TO TBG REVERSE OUT RECOVERED 1 BBLOF CEMENT RD CEMENT CREW AND TOO H W/ TBG BREAK OFF AND LAY DOWN STINGER SHUT WELL IN. NEXT MONDAY TIH AND START DRILLING.							
SHUT DOWN 3:30		3:30 - 4:30 CREW TRAVEL					
Report # 27							
Report Start Date 11/28/2011 06:00	Report End Date 11/29/2011 06:00	Daily Cost (Cost) \$13,550	Cum Field Est To Date (Cost) \$453,291	End Depth (ftKB) 0.0			
Description							
CREW TRAVEL SAFETY MEETING ON OVERHEAD LOADS SICP-0 OPEN WELL UP MAKE UP BIT AND COLLARS TIH W/ 2 7/8 TBG TAG UP @ 8883' W/ 286 JTS IN 38 JTS OUT 27' OF FILL LAY DOWN 12 JTS RU POWER SWIVEL AND HARD LINE TO PUMP BREAK CIRCULATION START DRILLING DRILLED OUT CEMENT ON TOP OF RETAINER AND RETAINER DRILLED DOWN TO 9031' W/ 6 JTS CLEAN UP WELL BORE HANG SWIVEL BACK IN DERRIK PULL 5 STANDS SHUT WELL IN. NEXT DAY RUN 5 STANDS AND START DRILLING.							
SHUT DOWN 6:00		6:00 - 7:00 CREW TRAVEL		EOT @ 8719'			
Report # 28							
Report Start Date 11/29/2011 06:00	Report End Date 11/30/2011 06:00	Daily Cost (Cost) \$11,100	Cum Field Est To Date (Cost) \$464,391	End Depth (ftKB) 0.0			

		BBA MECHAM VIRGIL B 1-11A2				WEST UNRESTRICTED	
		OH - Property #: 062830-001					
Well Chronology							
District ROCKY MOUNTAIN	County DUCHESNE	Field Name BLUEBELL	Project Group UINTA		State/Province UT		
Surface Legal Location 11-1-S 2-W-6	API/UWI 4301330009	Latitude (°) 40° 24' 50.03" N	Longitude (°) 110° 4' 18.264" W	Ground Elev... 5,920.00	KB - GL (ft) 13.00	Orig KB Elev (ft) 5,933.00	Tubing Head Elevation (ft) 5,920.00
Description							
CREW TRAVEL SAFETY MEETING ON CLEAN WORK AREA SITP -0 SICP -0 OPEN WELL UP TIH W/ 5 STANDS RU POWER SWIVEL BREAK CIRCULATION START DRILLING. DRILL FROM 9031' - 9215' STOPPED AT 9180' AND TEST CSG TO 1000 PSI LOST 100 PSI IN 30 MIN CLEAN UP WELL BORE HANG SWIVEL BACK IN DERRIK PULL 5 STANDS SHUT WELL IN. NEXT DAY PRESSURE TEST CSG FOR 30 MIN AND TOOH RU WIRELINE. SHUT DOWN 6:00 6:00-7:00 CREW TRAVEL EOT @ 8877'							
Report # 29							
Report Start Date 11/30/2011 06:00	Report End Date 12/1/2011 06:00	Daily Cost (Cost) \$12,950		Cum Field Est To Date (Cost) \$477,341		End Depth (ftKB) 0.0	
Description							
CREW TRAVEL SAFETY MEETING ON OVERHEAD LOADS SITP-0 SICP-0 OPEN WELL UP TEST CSG TO 1000 PSI FOR 30 MIN LOST 100 PSI BLEED WELL DOWN TOOH STAND COLLARS BACK RU WIRELINE RIH W/ GAMMA- RAY TAG W/ WIRELINE AT 9212' CORRALATE TO LOG TO FIGURE OUT DEPTH TBG WAS 24' OFF FROM WIRELINE TOOH RD WIRELINE MAKE UP BIT AND COLLARS TIH RU POWER SWIVEL AND DRILL DOWN TO 9208' CORRECTED WIRELINE DEPTH CLEAN WELL BORE UP HANG SWIVEL BACK PULL 5 STANDS SHUT WELL IN. NEXT DAY TEST CSG AND TOOH RU WIRELINE. SHUT DOWN 6:00 6:00 - 7:00 CREW TRAVEL EOT AT 8877'							
Report # 30							
Report Start Date 12/1/2011 06:00	Report End Date 12/2/2011 06:00	Daily Cost (Cost) \$14,650		Cum Field Est To Date (Cost) \$491,991		End Depth (ftKB) 0.0	
Description							
CREW TRAVEL SAFETY MEETING ON PINCH POINTS SITP - 0 SICP - 0 PRESSURE UP ON WELL AND TEST CSG TO 1000 PSI LOST 150 PSI IN 22 MIN PUMP BACK UP AND LOST 100 PSI IN 30 MIN BLEED WELL DOWN TOOH STAND COLLARS BACK IN DERRIK RU WIRELINE CREW RIH W/ BOND LOG TOOL TAG AT 9208' BOND LOG FROM 9208' TO SURFACE W/ NO PRESSURE ON WELL RIH BACK IN AND LOG AGAIN FROM 9208 TO SURFACE W/ 1000 PSI ON WELL LOG LOOKED GOOD SHUT WELL IN AND SEND LOG IN. NEXT DAY MAKE UP PACKER AND TIH TO SEE HOW BAD LEAK IS ISOLATED. SHUT DOWN 5:00 5:00 - 6:00 CREW TRAVEL							
Report # 31							
Report Start Date 12/2/2011 06:00	Report End Date 12/3/2011 06:00	Daily Cost (Cost) \$11,100		Cum Field Est To Date (Cost) \$503,091		End Depth (ftKB) 0.0	
Description							
CREW TRAVEL SAFETY MEETING ON X-OVER BOPS SICP - 0 OPEN WELL UP CHANGE OUT BOPS TO GET OLD SET TESTED RU FLOOR AND MAKE UP TREATING PACKER TIH AND SET PACKER AT 8901' WIRELINE 8877' TBG TALLY AND TEST CSG AND TBG TO 1000 PSI FOR 30 MIN TBG GOOD CSG LOST 120 PSI MOVE PKR UP AND SET @ WIRELINE 6718' TBG TALLY 6694' TEST TO 1000 PSI FIRST TEST TBG LOST 125 AND CSG LOST 150PSI IN 30 MIN BLEED AIR OFF AND PRESSURE UP AGAIN TO 1000 PSI LOST 60 PSI IN 30 MIN ON CSG AND TBG BLEED PSI OFF AND TOOH W/ TBG SHUT WELL IN FOR WEEKEND. NEXT MONDAY TIH W/ BIT AND COLLARS TO DRILL OUT PLUG. SHUT DOWN 6:00 6:00 - 7:00 CREW TRAVEL							
Report # 32							
Report Start Date 12/5/2011 06:00	Report End Date 12/6/2011 06:00	Daily Cost (Cost) \$14,350		Cum Field Est To Date (Cost) \$517,441		End Depth (ftKB) 0.0	
Description							
CREW TRAVEL SAFETY MEETING ON MAKING UP COLLARS AND TBG PROPER TORQUE SICP - 0 MAKE UP BIY ON SUB AND MAKE UP ON COLLARS TIH W/ TBG BREAKING OUT ICE PLUGS IN STANDS TAG UP AT 9208' WIRELINE DEPTH RU POWER SWIVEL THAW PUMP RU PUMP BREAK CIRCULATION DRILL OUT PLUG AT 9215 CHASE IN W/ 1 JT CLEAN UP WELL BORE HANG SWIVEL BACK TIH AND SWIVEL BACK UP CLEAN OUT FILL FROM 9820' TO 9883' WIRELINE DEPTH CLEAN UP WELL BORE PULL UP 2 JTS SHUT WELL IN. NEXT DAY FINISH TOOH W/ TBG RU WIRELINE PERFORATE. SHUT DOWN 6:00 6:00 - 7:00 CREW TRAVEL EOT @ 9813'							
Report # 33							
Report Start Date 12/6/2011 06:00	Report End Date 12/7/2011 06:00	Daily Cost (Cost) \$31,350		Cum Field Est To Date (Cost) \$548,791		End Depth (ftKB) 0.0	
Description							
CREW TRAVEL SAFETY MEETING ON WEATHER CONDITIONS SITP - 1000 SICP - 1000 STEAM WELL HEAD TO THAW OUT TBG CSG AND BOP'S BLEED WELL DOWN FINISH TOOH W/ TBG STAND COLLARS BACK BREAK BIT OFF RU WIRELINE CREW TO SHOOT NEW PERFORATIONS FROM --TO -- RD WIRELINE CREW RUN IN W/ COLLARS AND LAY DOWN PICK UP TREATING PACKER AND SEAT NIPPLE TIH W/ 2 7/8 TBG DUMP 5 GAL OF DIESEL DOWN TBG SHUT WELL IN SET PACKER AT 9200' WIRELINE DEPTH LEAVE WELL SHUT IN. NEXT DAY FLOW TEST. SHUT DOWN 5:30 5:30 - 6:30 CREW TRAVEL EOT @ 9200'							
Report # 34							
Report Start Date 12/7/2011 06:00	Report End Date 12/8/2011 06:00	Daily Cost (Cost) \$12,150		Cum Field Est To Date (Cost) \$560,941		End Depth (ftKB) 0.0	
Description							
CREW TRAVEL SAFETY MEETING ON PRESSURE READINGS RU HOT OILER AND THAW WELL HEAD SITP - 1000 SICP - 0 PRESSURE TEST CSG TO 1000 PSI BLEED CSG DOWN TBG WAS FLOWING FLOW TEST FOR REST OF DAY. STARTED HOURLYS AT 7:45 AND GOT LAST GUAGE AT 4:45 AVERAGE OF 35 BBLs PER HOUR TOTAL OF 315 BBLs RECOVERED SHUT WELL IN FOR NIGHT DRAIN FLOW BACK LINE. NEXT DAY FLOW TEST AND GET INJECTION RATE. EOT @ 9200' SHUT DOWN 5:30 5:30 - 6:30 CREW TRAVEL							
Report # 35							
Report Start Date 12/8/2011 06:00	Report End Date 12/9/2011 06:00	Daily Cost (Cost) \$12,325		Cum Field Est To Date (Cost) \$573,266		End Depth (ftKB) 0.0	

		BBA MECHAM VIRGIL B 1-11A2				WEST UNRESTRICTED	
		OH - Property #: 062830-001					
Well Chronology							
District ROCKY MOUNTAIN	County DUCHESNE	Field Name BLUEBELL	Project Group UINTA	State/Province UT			
Surface Legal Location 11-1-S 2-W-6	API/UWI 4301330009	Latitude (°) 40° 24' 50.03" N	Longitude (°) 110° 4' 18.264" W	Ground Elev... 5,920.00	KB - GL (ft) 13.00	Orig KB Elev (ft) 5,933.00	Tubing Head Elevation (ft) 5,920.00
Description							
<p>CREW TRAVEL SAFETY MEETING ON INJECTING THAW WELL HEAD GET PRESSURE READING. SITP - 950 SICP - 300 BLEED TBG DOWN TO TANK TBG WAS FLOWING AT 40 PSI CATCH SAMPLES FOR STATE BLEED CSG DOWN HOOK UP HOT OILER TO TBG AND GET INJECTION RATE OF 2.5 BPM @ 2000 PSI W/ 75 BBLS SHUT DOWN PRESSURE 1550 PSI LOST 200 PSI IN 15 MIN OPEN TBG UP TO TANK AND FLOWED WELL FOR 7 HRS AND MADE 297 BBLS AVERAGE OF 42BBLS PER HOUR .SHUT WELL IN DRAIN HARD LINE. NEXT DAY PREFORM ACID JOB AND FLOW BACK.</p> <p style="text-align: center;">SHUT DOWN 5:00 5:00 - 6:00 CREW TRAVEL EOT @ 9200'</p>							
Report # 36							
Report Start Date 12/9/2011 06:00	Report End Date 12/10/2011 06:00	Daily Cost (Cost) \$34,550	Cum Field Est To Date (Cost) \$607,816	End Depth (ftKB) 0.0			
Description							
<p>CREW TRAVEL SAFETY MEETING IN PRESSURE ON HARD LINE. THAW TBG AND BOPS W/ HOT OILER SITP - 900 SICP - 200 RU ACID CREW TO TBG AND RIG PUMP TO CSG TO HOLD 1000 PSI ON CSG PUMP TRUCK WOULDNT PUMP WAIT FOR HALLIBURTON TO GET TRUCK RUNNING PREFORM ACID JOB CSG COMMUNICATED W/ TBG FLOW BACK TBG UNSET PKR PUMP 240 BBLS DOWN CSG RESET PKR FLOW 25 BBLS UP TBG IN 1 HOUR SHUT WELL IN DRAIN HARDLINE. NEXT MONDAY THAW WELL HEAD AND FLOW BACK REST OF ACID.</p> <p style="text-align: center;">EOT @ 9200' SHUT DOWN 5:30 5:30 - 6:30 CREW TRAVEL</p>							
Report # 37							
Report Start Date 12/12/2011 06:00	Report End Date 12/13/2011 06:00	Daily Cost (Cost) \$13,950	Cum Field Est To Date (Cost) \$621,766	End Depth (ftKB) 0.0			
Description							
<p>CREW TRAVEL SAFETY MEETING ON SLIPS AND ELEVATORS THAW WELL HEAD GET PRESSURE READING. SITP -950 SICP -950 OPEN WELL UP TO FLAT TANK AND FLOW BACK FOR 2 HRS RECOVERED 63 BBLS UNSET PKR PUMP DOWN TBG AND UP CSG BREAK LINES OFF AND TOOH W/ 2 7/8 TBG FLOWING LAY DOWN PKR MAKE UP PLUG TIH W/ TBG TO TEST KEEPING TBG FULL RUN IN TO 8725' SHUT DOWN STAND BY FOR WATER TRUCK AND HOT OILER. NEXT DAY FINISH TIH W/ TBG TEST TBG TOOH.</p> <p style="text-align: center;">EOT @ 8725' SHUT DOWN 5:30 5:30 - 6:30 CREW TRAVEL</p>							
Report # 38							
Report Start Date 12/13/2011 06:00	Report End Date 12/14/2011 06:00	Daily Cost (Cost) \$13,150	Cum Field Est To Date (Cost) \$634,916	End Depth (ftKB) 0.0			
Description							
<p>CREW TRAVEL SAFETY MEETING ON PRESSURES STEAM WELL HEAD TO THAW TBG AND CSG SITP - 200 SICP - 1000 BLEED DOWN TBG AND CSG TIH W/ LAST 20 STANDS FILL TBG W/ 1" HOSE TO LET AIR OUT OF TBG PRESSURE TEST TBG TO 4000 PSI HOLD FOR 10 MIN GOOD TEST BLEED TBG DOWN TOOH W/ TBG BREAK OFF PLUG ON TBG MAKE UP NEW PKR TIH SLOW SET PKR AT 8598' NO TEST LOST 200 PSI IN 10 MIN MOVE PKR DOWN TO 9200' AND SET PRESSURE UP TO 1000 PSI LOST 200 PSI IN 15 MIN BLEED CSG OFF SLOW AND SHUT WELL IN FOR NIGHT TO SEE IF TBG BUILDS PRESSURE OR CSG BUILDS PRESSURE DRAIN UP HARD LINE AND GO HOME.</p> <p style="text-align: center;">EOT AT 9200' SHUT DOWN 5:30 5:30 - 6:30 CREW TRAVEL</p>							
Report # 39							
Report Start Date 12/14/2011 06:00	Report End Date 12/15/2011 06:00	Daily Cost (Cost) \$11,750	Cum Field Est To Date (Cost) \$646,666	End Depth (ftKB) 0.0			
Description							
<p>CREW TRAVEL SAFETY MEETING ON FLOWING WELL TRAPPED PRESSURE STEAM WELL HEAD TO THAW GET PRESSURE READING SITP - 0 SICP - 940 PRESSURE UP ON CSG TO 1000 PSI 9130' LOST 150 PSI IN 15 MIN MOVE PKR TO 6700' TEST CSG TO 1000 PSI LOST 200 PSI IN 15 MIN MOVE PKR TO 4652' NO TEST MOVE TO 4500' GOOD TEST LOST 40 PSI IN 30 MIN MOVE DOWN TO 4561' TEST FOR 30 MIN AT 1000PSI LOST 45 PSI UNSET PKR AND TOOH HANG PKR AND STAND IN DERRIK SHUT WELL IN FOR NIGHT. NEXT DAY MAKE UP RBP AND SUB AND ON / OFF TOOL W/ PKR AND TIH TO FIND BAD SPOT.</p> <p style="text-align: center;">SHUT DOWN 6:00 6:00 - 7:00 CREW TRAVEL</p>							
Report # 40							
Report Start Date 12/15/2011 06:00	Report End Date 12/16/2011 06:00	Daily Cost (Cost) \$11,550	Cum Field Est To Date (Cost) \$658,216	End Depth (ftKB) 0.0			
Description							
<p>CREW TRAVEL SAFETY MEETING ON SETTING PLUG AND PACKER SICP -950 OPEN WELL UP AND BLEED DOWN PSI MAKE UP SUB AND ON/OFF TOOL AND PLUG ON PACKER TIH SET RBP @8990' AND PULL 1 JT TO TEST TOOLS NO TEST PULL PLUG AND SET AT 8959' PULL 1 JT TRY TO TEST TOOLS NO TEST PULL PLUG AND SET 8710' PULL 1 JT TO TEST TOOLS NO TEST GO BACK IN TO 32 JTS OUT SET THE PLUG 8990' POOH W/ PACKER AND 2 7/8 TBG LAY DOWN PKR SHUT WELL IN. NEXT DAY HYDROTEST IN W/ PKR.</p> <p style="text-align: center;">SHUT DOWN 6:00 6:00 - 7:00 CREW TRAVEL</p>							
Report # 41							
Report Start Date 12/16/2011 06:00	Report End Date 12/17/2011 06:00	Daily Cost (Cost) \$16,200	Cum Field Est To Date (Cost) \$674,416	End Depth (ftKB) 0.0			
Description							
<p>CREW TRAVEL SAFETY MEETING ON HAND RAILS THAW WELL HEAD CHANGE OUT PKR FOR NEW ONE TIH HYDROTESTING LOST HYDROTEST TOOLS W/ 19 STANDS IN DERRICK TOOH AND FOUND HYDROTEST TOOLS W/ 50 STANDS IN DERRICK TIH AND START TESTING AT 19 IN DERRICK RD HYDROTEST TOOLS SHUT WELL IN. NEXT MONDAY SET PKR AND TEST TOOLS.</p> <p style="text-align: center;">8760' SHUT DOWN 6:00 6:00-7:00 CREW TRAVEL EOT AT</p>							

devon		BBA MECHAM VIRGIL B 1-11A2				WEST UNRESTRICTED			
		OH - Property #: 062830-001							
Well Chronology									
District	ROCKY MOUNTAIN	County	DUCHESNE	Field Name	BLUEBELL	Project Group	UINTA	State/Province	UT
Surface Legal Location	11-1-S 2-W-6	API/UWI	4301330009	Latitude (°)	40° 24' 50.03" N	Longitude (°)	110° 4' 18.264" W	Ground Elev...	5,920.00
								KB - GL (ft)	13.00
								Orig KB Elev (ft)	5,933.00
								Tubing Head Elevation (ft)	5,920.00
Report # 42									
Report Start Date	12/19/2011 06:00	Report End Date	12/20/2011 06:00	Daily Cost (Cost)	\$12,550	Cum Field Est To Date (Cost)	\$686,966	End Depth (ftKB)	0.0
Description									
CREW TRAVEL SAFETY MEETING ON PPE THAW WELL HEAD AND GET PRESSURE READING TBG AND CSG ON VACUME PLUG SET AT 8990' SET PKR AT 8946' TO TEST TOOLS NO TEST TRY TO RE PRESSURE TBG SEVERAL TIMES AND KEEP TBG THAWED NO TEST UNSET PKR MOVE IN AND ENGUAGE RBP UN SET RBP MOVE RBP UP TO 8700' AND SET PKR AT 8660' PRESSURE UP TO 1000 PSI MOVE PLUG TO 8606' AND PKR TO 8568' NO TEST MOVE RBP TO 8516' AND PKR TO 8476' NO TEST MOVE RBP TO 4509' AND PKR TO 4461' TBG DIDNT TEST CSG HELD GOOD WATCH CSG FOR 30 MIN SHUT WELL IN. NEXT DAY TOOH TO EXAMINE TOOLS. EOT @ 4461' SHUT DOWN 6:00 6:00-7:00 CREW TRAVEL									
Report # 43									
Report Start Date	12/20/2011 06:00	Report End Date	12/21/2011 06:00	Daily Cost (Cost)	\$14,500	Cum Field Est To Date (Cost)	\$701,466	End Depth (ftKB)	0.0
Description									
CREW TRAVEL SAFETY MEETING ON WORK PERFORMANCE THAW WELL HEAD GET PRESSURE READING SITP - 600 SICP - 600 BLEED WELL DOWN OPEN WELL UP UNSEAT PKR AND RETRIEVE RBP TOOH LAY DOWN GRACO PLUG AND PKR PICK UP WEATHERFORD PLUG AND PKR TIH AND SET PLUG AT 4500' MOVE PKR UP 1 JT AND SET ATTEMPT TO TEST DOWN TBG NO TEST MOVE TOOLS UP 1 MORE JT ATTEMPT TO TEST NO TEST UNSEAT WEATHERFORD TOOLS AND TOOH PICK UP NEW GRACO PLUG TIH AND SET PLUG AT 4500' TEST CSG TO 1000 PSI TEST LOOKED GOOD SHUT WELL IN FOR NIGHT. NEXT DAY THAW WELL HEAD GET PRESSURE READING. EOT @ 4375' SHUT DOWN 6:00 6:00 - 7:00 CREW TRAVEL									
Report # 44									
Report Start Date	12/21/2011 06:00	Report End Date	12/22/2011 06:00	Daily Cost (Cost)	\$17,400	Cum Field Est To Date (Cost)	\$718,866	End Depth (ftKB)	0.0
Description									
CREW TRAVEL SAFETY MEETING ON SLIPS TRIPS AND FALLS THAW WELL HEAD GET PRESSURE READING OPEN WELL UP RU PUMP CIRCULATE GAS OUT OF WELL PRESSURE UP ON CSG TO 1000 LOST 60PSI IN 20 MIN UNSET PLUG TIH AND RESET PLUG AT 9130' TOOH AND MAKE UP 6" BIT AND SCRAPER FOR 7" CSG TIH TO 9130' RU PUMP AND CIRCULATE WELL CLEAN AND CLEAR OF GAS PRESSURE WELL UP TO 1000 PSI LOST 300 PSI IN 30 MIN BLEED PRESSURE OFF WELL SHUT WELL IN. NEXT DAY TOOH AND MAKE UP PKR TO TEST CSG. EOT AT 9130' SHUT DOWN 6:00 6:00 - 7:00 CREW TRAVEL									
Report # 45									
Report Start Date	12/22/2011 06:00	Report End Date	12/23/2011 06:00	Daily Cost (Cost)	\$13,400	Cum Field Est To Date (Cost)	\$732,266	End Depth (ftKB)	0.0
Description									
CREW TRAVEL SAFETY MEETING ON CLEAN WORK AREA THAW WELL HEAD GET PRESSURE READING ON TBG AND CSG BOTH 0' OPEN WELL UP TOOH BREAK APART BIT AND SUB FROM SCRAPER LAY DOWN BIT AND SCRAPER PICK UP NEW BAKER PACKER AND TIH SET PKR AT 9004' TEST TBG TO 1000 PSI, LOST PSI BLEED OFF TBG AND PRESSURE UP ON CSG TO 1000 PSI LOST 340 PSI IN 30 MIN SHUT TBG IN AND GAINED PRESSURE BLEED CSG AND TBG OFF AND SHUT IN TBG STILL GAINED PRESSURE BLEED TBG OFF HAD SLOW FLOW SHUT WELL IN FOR WEEKEND. NEXT TUESDAY TOOH W/ PKR AND RETRIEVE PLUG. EOT AT 9004' SHUT DOWN 5:30 5:30 - 6:30 CREW TRAVEL									
Report # 46									
Report Start Date	12/27/2011 06:00	Report End Date	12/28/2011 06:00	Daily Cost (Cost)	\$10,332	Cum Field Est To Date (Cost)	\$742,598	End Depth (ftKB)	0.0
Description									
CREW TRAVEL- SAFETY MEETING JSA STEAM OFF THE CASING AND THE TUBING THEY WERE FROZE UP BLEED OFF THE WELL THE WELL HAD 1500 PSI PRESSURE TEST BAD TEST RELEASE PKR AND POOH W/ 2 7/8 TUBING RUN BACK IN W/ NEW PLUG SET THE NEW PLUG @9010 31 JTS OUT SET PKR @ 8968 32 JTS OUT PRESSURE TEST TO 1100 PSI GOOD TEST GOOD TEST ON CASING AND TUBING PULL UP TO 169 JTS OUT 4719 W/ PKR AND TEST AGAIN BAD TEST ON CASING AND TUBING IN THE MORNING PULL UP TO 5000 SET PKR AND TEST PKR @ 4719' SHUT DOWN - 530 CREW TRAVEL - 530-630									
Report # 47									
Report Start Date	12/28/2011 06:00	Report End Date	12/29/2011 06:00	Daily Cost (Cost)	\$12,520	Cum Field Est To Date (Cost)	\$755,118	End Depth (ftKB)	0.0

**BBA MECHAM VIRGIL B 1-11A2**

OH - Property #: 062830-001

WEST UNRESTRICTED**Well Chronology**

District ROCKY MOUNTAIN	County DUCHESNE	Field Name BLUEBELL	Project Group UINTA	State/Province UT
Surface Legal Location 11-1-S 2-W-6	API/UWI 4301330009	Latitude (°) 40° 24' 50.03" N	Longitude (°) 110° 4' 18.264" W	Ground Elev... 5,920.00
			KB - GL (ft) 13.00	Orig KB Elev (ft) 5,933.00
				Tubing Head Elevation (ft) 5,920.00

Description

CREW TRAVEL-SAFETY MEETING JSA
STEAM OFF THE WELL HEAD WELL WAS FROZE
NO PRESSURE ON THE WELL RIH W/ PKR TO 5000 SET PKR TO TEST BAD TEST RIH TO 6701 SET PKR TO TEST
BAD TEST RIH TO 7010 TO TEST GOOD TEST PULL ONE STAND SET PKR TO TEST @ 6948 BAD TEST PULLED
TO 6702 GOT INJECTION RATE 1/4 BBL A MIN RUN THE 2 7/8 TUBING IN THE HOLE
PULLED OUT OF THE HOLE LAYING TUBING DOWN TELL WE HAVE 105 JTS ON THE PIPE RACK
RIG DOWN GET PUMP RACKED OUT GET EVERYTHING CLEANED UP SO WE CAN ROAD FIRST THING IN THE MORNING

SHUT DOWN

CREW TRAVEL

Report # 48

Report Start Date 7/9/2012 06:00	Report End Date 7/10/2012 06:00	Daily Cost (Cost) \$11,880	Cum Field Est To Date (Cost) \$766,998	End Depth (ftKB) 0.0
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Description

CREW TRAVEL SAFETY MEETING ON PICKING UP TBG WELL DEAD OPEN WELL UP MAKE UP ON /OFF TOOL FOR RBP TIH W/ 109 STANDS OUT OF DERRIK TALLYING AND TALLY TBG ON RACKS TIH W/ 75 JTS OFF RACKS TOUCH RBP RU PUMP AND LINES BREAK CIRCULATION W/ 55 BBLs CLEAN UP WELL BORE CLEAN OFF ANY FILL ON RBP AND CLEAN UP AGAIN LAY DOWN 1 JT STAND BACK 1 STAND PRESSURE UP ON WELL LOST 100 PSI IN 5 MIN SHUT WELL IN FOR NIGHT PLACE SILLS ON GROUND FOR 5" LINER SPOT IN SILLS FOR 2 7/8 TBG NEXT DAY RELEASE RBP AND TOOH W/ RBP.

SHUT DOWN 4:00

4:00 - 5:00 CREW TRAVEL

Report # 49

Report Start Date 7/10/2012 06:00	Report End Date 7/11/2012 06:00	Daily Cost (Cost) \$16,500	Cum Field Est To Date (Cost) \$783,498	End Depth (ftKB) 0.0
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Description

CREW TRAVEL SAFETY MEETING ON PULLING WEIGHT ENGUAGE PLUG UNSET RBP TOOH LAY DOWN RBP RU WIRE LINE TIH W/ COMPOSITE PLUG FOUND SECOND RBP AT 9130' TOOH W/ WIRELINE RD WIRELINE MAKE UP ON/OFF TOOL ON BOTTOM OF TBG TIH ENGUAGE RBP GET OFF RBP LAY DOWN 1 JT SHUT WELL IN. NEXT DAY RETRIEVE RBP.

SHUT DOWN 5:00

5:00 - 6:00 CREW TRAVEL

Report # 50

Report Start Date 7/11/2012 06:00	Report End Date 7/12/2012 06:00	Daily Cost (Cost) \$19,100	Cum Field Est To Date (Cost) \$802,598	End Depth (ftKB) 0.0
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Description

CREW TRAVEL SAFETY MEETING ON CELL PHONES AROUND WIRELINE WELL DEAD OPEN WELL UP PICK UP 1 JT ENGUAGE RBP AT 9137' RELEASE RBP TOOH LAY DOWN RBP AND ON/OFF TOOL RU WIRELINE COMPANY TO RUN IN AND SET CBP TIH SLOW SO NOT TO HURT CBP SET PLUG AT 9010' WIRELINE DEPTH RD WIRELINE CREW TIH W/ TBG OUT OF DERRIK AND TAG PLUG AT 9013.52' BEGIN LAYING DOWN 2 7/8 TBG GOT 150 JTS LAYED DOWN SHUT WELL IN FOR NIGHT. NEXT DAY FINISH LAYING DOWN TBG CLEAN OUT CELLAR.

SHUT DOWN 4:30

4:30 - 5:30 CREW TRAVEL

EOT @ 5274'

Report # 51

Report Start Date 7/12/2012 06:00	Report End Date 7/13/2012 06:00	Daily Cost (Cost) \$10,400	Cum Field Est To Date (Cost) \$812,998	End Depth (ftKB) 0.0
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Description

CREW TRAVEL SAFETY MEETING ON LAYING DOWN TBG OPEN WELL UP FINISH LAYING DOWN TBG ON RACKS RD TONGS AND FLOOR CLEAN OUT CELLAR USING HOTOILER AND WATER TRUCK MOVE TBG TO BACK OF LOCATION W/ PIPE RACKS CLEAN UP AROUND LOCATION SHUT WELL IN FOR NIGHT. NEXT DAY UNLOAD 5" CSG AND CHANGE OUT WELL HEAD.

SHUT DOWN 3:00

3:00 - 4:00 CREW TRAVEL

Report # 52

Report Start Date 7/13/2012 06:00	Report End Date 7/14/2012 06:00	Daily Cost (Cost) \$223,100	Cum Field Est To Date (Cost) \$1,036,098	End Depth (ftKB) 0.0
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Description

CREW TRAVEL SAFETY MEETING ON OVERHEAD LOADS UNLOAD TWO SEMI TRUCKS LOADED W/ 5" CSG STAND BY FOR OTHER TWO LOADS OF CSG GO TO TOWN TO FIND SEMIS W/ CSG LEAD TRUCKS TO LOCATION STAND BY FOR CRANE CREW TO FINISH UNLOADING CSG TALLYED AS IT WAS UNLOADED LEAVE WELL SHUT IN FOR WEEKEND. NEXT MONDAY CHANGE OUT WELL HEAD BEGIN PICKING UP CSG.

SHUT DOWN 5:00

5:00 - 6:00 CREW TRAVEL

Report # 53

Report Start Date 7/16/2012 06:00	Report End Date 7/17/2012 06:00	Daily Cost (Cost) \$19,200	Cum Field Est To Date (Cost) \$1,055,298	End Depth (ftKB) 0.0
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BBA MECHAM VIRGIL B 1-11A2

OH - Property #: 062830-001

WEST UNRESTRICTED**Well Chronology**

District ROCKY MOUNTAIN	County DUCHESNE	Field Name BLUEBELL	Project Group UINTA	State/Province UT			
Surface Legal Location 11-1-S 2-W-6	API/UWI 4301330009	Latitude (°) 40° 24' 50.03" N	Longitude (°) 110° 4' 18.264" W	Ground Elev... 5,920.00	KB - GL (ft) 13.00	Orig KB Elev (ft) 5,933.00	Tubing Head Elevation (ft) 5,920.00

Description

CREW TRAVEL SAFETY MEETING ON WEATHER CONDITIONS OPEN WELL UP ND FLOOR AND BOPS ND OLD WELL HEAD NU NEW WELL HEAD CLEAN UP 5" CSG PINS AND COLLARS STAND BY FOR SPOOL NU SPOOL AND BOPS SPOT IN PIPE WRANGLER AND PIPE RACKS LOAD RACKS W/ CSG AND TALLY BEGIN PICKING UP 5" LINER LOAD RACKS AGAIN AND TALLY FILL CSG W/ WATER AND SHUT WELL IN FOR NIGHT NEXT DAYFINISH RUNNING LINER.

SHUT DOWN 7:30
7:30 - 8:30 CREW TRAVEL

Report # 54

Report Start Date 7/17/2012 06:00	Report End Date 7/18/2012 06:00	Daily Cost (Cost) \$24,000	Cum Field Est To Date (Cost) \$1,079,298	End Depth (ftKB) 0.0
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Description

CREW TRAVEL SAFETY MEETING ON PINCH POINTS OPEN WELL UP PICK UP 5" CSG FROM 7:30 TO 3:30 STOPPING TO KEEP TBG FULL PICKED UP LAST 100 JTS STANDBY FOR WELL HEAD COMPANY AND UNBOLT BOPS PICK BOPS UP DROP IN SLIP BOWL SET BOPS DOWN AND SHUT RAMS FILL TBG BREAK CIRCULATION AND MAKE SURE FLOATS WORK.

SHUT DOWN 7:00
7:00 - 8:00 CREW TRAVEL

Report # 55

Report Start Date 7/18/2012 06:00	Report End Date 7/19/2012 06:00	Daily Cost (Cost) \$50,650	Cum Field Est To Date (Cost) \$1,129,948	End Depth (ftKB) 0.0
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Description

CREW TRAVEL SAFETY MEETING ON PUMPING CEMENT OPEN WELL UP RIG UP CEMENT CREW TO TBG PRESSURE TEST TO 3600 PREFORM CEMENT JOB PUMPED 140 BBLs OF CEMENT 450 SACKS DISPLACED W/ 159 BBLs GOT BACK 6 BBLs OF CEMENT IN RETURNS PRESSURED UP ON PLUG TO 3000 PSI MAX JOB PRESSURE WAS 2300 PSI CEMENT WEIGHT WAS 12.8 PPG RD CEMENT CREW ND BOPS AND SPOOL CUT OFF TBG PUT ON NEW WELL HEAD TAKE SPOOL OFF TO SEND BACK NU BOPS TESTED WELL HEAD TO 3000 PSI FOR 15 MIN RU FLOOR AND TBG TONGS PRESSURE UP ON CSG TO 1000 PSI SHUT WELL IN FOR NIGHT. NEXT DAY PICK UP TBG AND TAG FLOAT GET READY TO DRILL.

SHUT DOWN 3:30
3:30 - 4:30 CREW TRAVEL

Report # 56

Report Start Date 7/19/2012 06:00	Report End Date 7/20/2012 06:00	Daily Cost (Cost) \$12,350	Cum Field Est To Date (Cost) \$1,142,298	End Depth (ftKB) 0.0
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Description

CREW TRAVEL SAFETY MEETING ON PICKING UP TBG GOTO DEVON YARD HOOK ON TO TRAILER LOAD TRAILER W/ 85 JTS 27/8 NU-LOK TBG RETURN TO YARD UNLOAD ON PIPE RACKS TALLY MAKE UP BIT AND SUB ON BOTTOM TIH W/ NU LOK MOVE 2 7/8 8RD TBG ON TO RACKS 1 ROW AT A TIME TALLY AND PICK UP TAG CEMENT SOFT AT 8823' W/ 293 JTS TOTAL PICK UP POWER SWIVEL AND GET READY TO DRILL NEXT DAY.

SHUT DOWN 4:00
4:00 - 5:00 CREW TRAVEL

Report # 57

Report Start Date 7/20/2012 06:00	Report End Date 7/21/2012 06:00	Daily Cost (Cost) \$9,850	Cum Field Est To Date (Cost) \$1,152,148	End Depth (ftKB) 0.0
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Description

CREW TRAVEL SAFETY MEETING ON DRILLING OUT CEMENT OPEN WELL UP WELL WAS DEAD PICK UP FIRST JT ON WINCH LINE AND MAKE UP ON POWER SWIVEL DRILLED UP PLUG AND FLOAT COLLAR DRILLED DOWN TO 9012' STEEL LINE DEPTH CLEAN UP WELL BORE RD POWER SWIVEL TOOH W/ TBG SHUT WELL IN FOR WEEKEND. NEXT MONDAY RU WIRELINE AND PREFORM BOND LOG.

SHUT DOWN 4:30
4:30 - 5:30 CREW TRAVEL

Report # 58

Report Start Date 7/23/2012 06:00	Report End Date 7/24/2012 06:00	Daily Cost (Cost) \$17,450	Cum Field Est To Date (Cost) \$1,169,598	End Depth (ftKB) 0.0
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Description

CREW TRAVEL SAFETY MEETING ON HOUSE KEEPING OPEN WELL UP STAND BY FOR WIRELINE CREW RU WIRELINE COMPANY RUN IN W/ ELECTRIC LOGGING TOOL LOG 5" TO SEE HOW GOOD OF A BOND THERE IS ON CSG KEEP WELL FULL DIDNT LOG UNDER PRESSURE BOND DIDNT LOOK GOOD FROM 4500 DOWN TO ABOUT 5500' RD WIRE LINE COMPANY MAKE UP NEW BIT AND TIH W/ 4 1/8 BIT AND SUB TAG UP RU POWER SWIVEL GET READY TO DRILL NEXT DAY.

SHUT DOWN 5:30
5:30 - 6:30 CREW TRAVEL

Report # 59

Report Start Date 7/24/2012 06:00	Report End Date 7/25/2012 06:00	Daily Cost (Cost) \$13,850	Cum Field Est To Date (Cost) \$1,183,448	End Depth (ftKB) 0.0
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**BBA MECHAM VIRGIL B 1-11A2****WEST UNRESTRICTED****OH - Property #: 062830-001****Well Chronology**

District ROCKY MOUNTAIN	County DUCHESE	Field Name BLUEBELL	Project Group UINTA	State/Province UT			
Surface Legal Location 11-1-S 2-W-6	API/UWI 4301330009	Latitude (°) 40° 24' 50.03" N	Longitude (°) 110° 4' 18.264" W	Ground Elev... 5,920.00	KB - GL (ft) 13.00	Orig KB Elev (ft) 5,933.00	Tubing Head Elevation (ft) 5,920.00

Description

CREW TRAVEL SAFETY MEETING ON POWER SWIVEL BINDING UP KEEPING SWIVEL TURNING OPEN WELL UP HOOK UP HARD LINES BREAK CIRCULATION CLEAN UP FOR 15 MIN BEGIN DRILLING ON CEMENT AT 9012' DRILLED DOWN THROUGH CEMENT AND PLUG AND RAN DOWN TO 9904' W/ BIT CIRCULATE WELL CLEAN TOOH STANDING BACK 8 RD TBG AND LAYING DOWN NU-LOK TBG ON RACKS AND MOVE OVER TO TRAILER SHUT WELL IN FOR NIGHT. NEXT DAY TIH TESTING TBG W/ PKR ON BTM.

SHUT DOWN 6:30
6:30 - 7:30 CREW TRAVEL

Report # 60

Report Start Date 7/25/2012 06:00	Report End Date 7/26/2012 06:00	Daily Cost (Cost) \$11,850	Cum Field Est To Date (Cost) \$1,195,298	End Depth (ftKB) 0.0
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Description

CREW TRAVEL SAFETY MEETING ON HYDROTESTING RU HYDROTESTER MAKE UP BHA W/ PKR AND X NIPPLE AND X-N NIPPLE COULDNT GET TEST TOOLS TO WORK HAD TO WORK ON HYDROTEST TOOLS GOT TOOLS TO WORK START TESTING TBG IN HOLE SHUT DOWN TO ATTEND DEVON SAFETY MEETING.

SHUT DOWN 3:30
3:30 - 4:30 CREW TRAVEL

Report # 61

Report Start Date 7/26/2012 06:00	Report End Date 7/27/2012 06:00	Daily Cost (Cost) \$31,750	Cum Field Est To Date (Cost) \$1,227,048	End Depth (ftKB) 0.0
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Description

CREW TRAVEL SAFETY MEETING ON LANDING TBG IN WELL HEAD OPEN WELL UP FINISH TIH W/ TBG TESTING AND PICKING UP OFF RACKS TESTING BLEW UP 1 JT FOUND 2 CRIMPED JTS RD HYDROTEST COMPANY RD FLOOR AND BOPS LEAVE PKR UNSET CIRCULATE PKR FLUID DOWN AROUND PKR FOUGHT PKR TO GET SET LAND PKR AT 8903' W/ ALMOST ALL WEIGHT SET ON IT NU WELL HEAD AND TEST TO 1000 PSI PRESSURE TEST CSG TO 1000 PSI BLEED OFF CSG TILL NEXT DAY.

SHUT DOWN 6:00
6:00 - 7:00 CREWTRAVEL

Report # 62

Report Start Date 7/27/2012 06:00	Report End Date 7/28/2012 06:00	Daily Cost (Cost) \$10,850	Cum Field Est To Date (Cost) \$1,237,898	End Depth (ftKB) 0.0
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Description

CREW TRAVEL SAFETY MEETING ON WORKING TOGETHER, FINISH LOADING TBG ON TRAILER W/ PIPE RACKS AND DELIVER TO DEVON YARD AND UNLOAD, GO TO LOCATION AND LOAD DRILL COLLARS TO SEND BACK TO GRACO YARD, STAND BY FOR PUMP TRUCK, HOOK UP HALLIBURTON TO TBG AND PREFORM STEP TEST, TEST LOOKED GOOD NOT VERY MUCH FLUCTUATION IN PSI DURING TEST, SHUT WELL IN FOR WEEKEND. NEXT MONDAY RD ROAD RIG TO NEW LOCATION.

SHUT DOWN 5:00
5:00 - 6:00 CREW TRAVEL

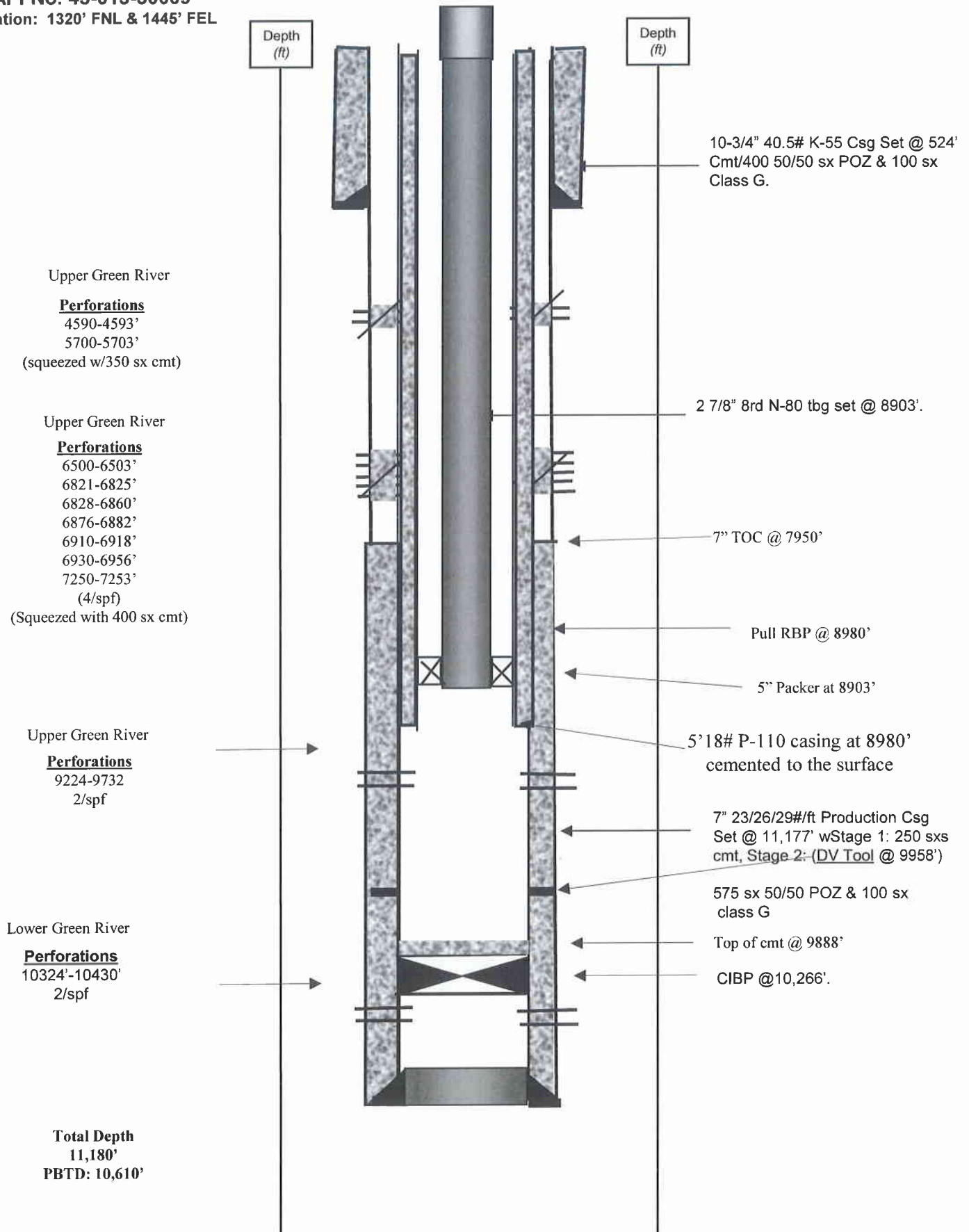
Sundry Number: 36538 API Well Number: 43013300090000

Virgil Mecham 1-11A2
Sec. 11-T1S-R2W
Bluebell Field
Duchesne County, Utah
GL: 5920'
API No. 43-013-30009
Location: 1320' FNL & 1445' FEL

Wellbore Diagram
Virgil Mecham Injection
wellbore updated
4/4/13

Devon Energy Production
Company, L.P.

Spud Date: 8/27/68
TD Date: 11/08/68
Completed: 12/22/68

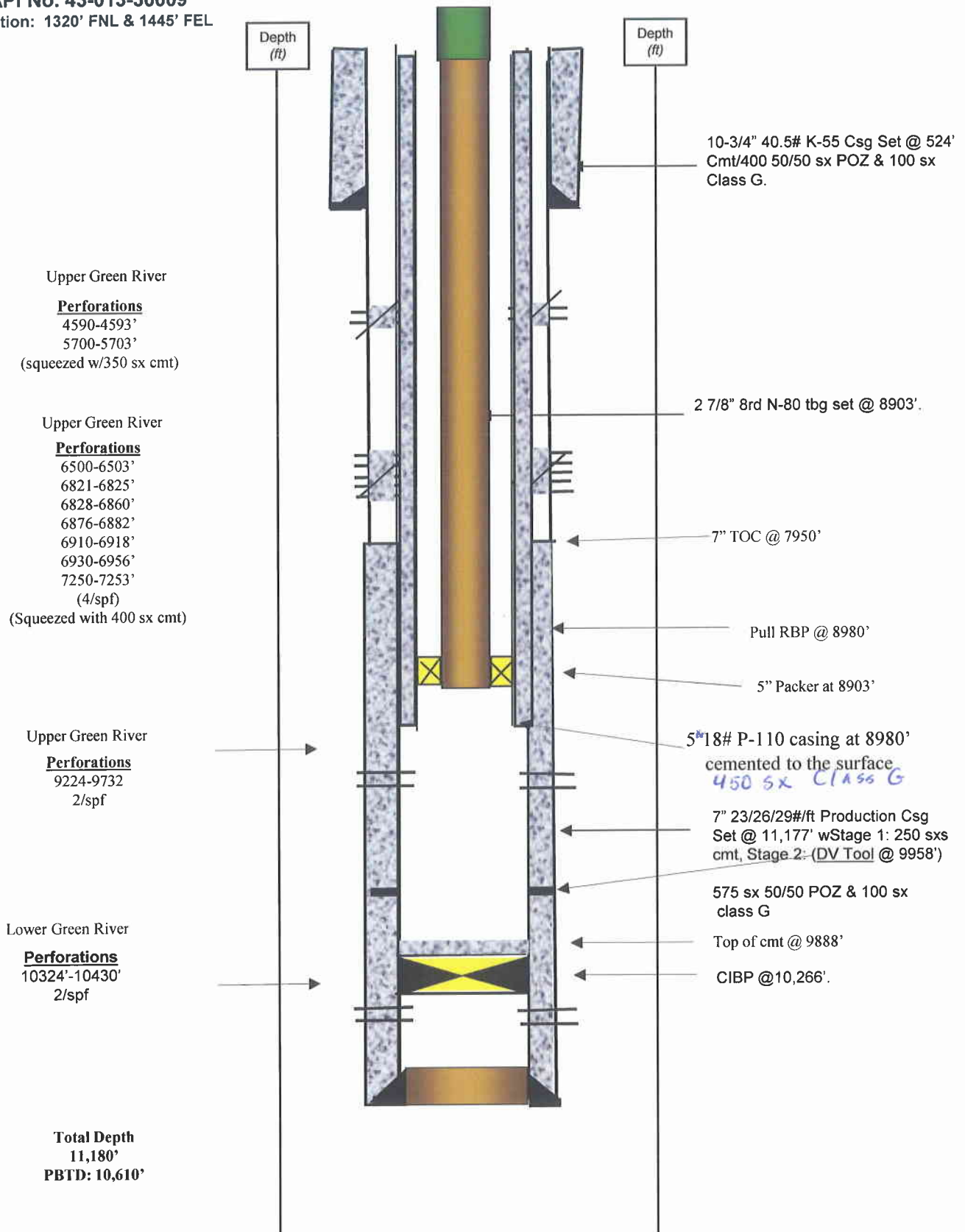


Virgil Mecham 1-11A2
 Sec. 11-T1S-R2W
 Bluebell Field
 Duchesne County, Utah
 GL: 5920'
 API No. 43-013-30009
 Location: 1320' FNL & 1445' FEL

Wellbore Diagram
Virgil Mecham Injection
 wellbore updated
 4/4/13

Devon Energy Production Company, L.P.

Spud Date: 8/27/68
 TD Date: 11/08/68
 Completed: 12/22/68



Water Injection Well BHP
Fanning, Incompressible Fluid
Tubing/Casing Configuration

Well: Virgil Mecham 1-11A2

Field: _____

Date: 4/3/2013

Conditions: SRT setup

Fluid Viscosity = 0.60 cp

Fluid Density = 8.51 lbs/gal

Tubing ID = 2.441 in 4.892

Casing ID = 4.276 in

Tubing Depth-Measured = 9554 ft

Tubing Depth-True Vertical = 9554 ft

Reference Depth-Measured = 9554 ft

Reference Depth-True Vertical = 9554 ft

Pipe Roughness = 0.000065 in (0.00065 per Cullinder & Smith)

Surface Pressure 0

Equ

Results:

	Injection Rate (BPM)	Surface Pressure (psia)	Injection Rate (BPD)	Friction Loss (psia)	Ref. Depth Pressure (psia)	dP	Formation	SRT friction	FG
New Surface Pressure	0.00	0	-	0	4218	0	0	0	0.44
1548	1.00	1500	1,440	49	5669	1451	1498	2	0.59
1766	2.00	1600	2,880	172	5646	1428	1594	6	0.59
2147	3.00	1800	4,320	360	5658	1440	1787	13	0.59
2637	4.00	2050	5,760	608	5660	1442	2029	21	0.59
3315	5.00	2430	7,200	916	5732	1514	2398	32	0.60
4058	6.00	2820	8,640	1282	5756	1538	2776	44	0.60
4965	7.00	3320	10,080	1704	5834	1616	3262	58	0.61
6107	8.00	4000	11,520	2182	6037	1818	3925	75	0.63
#VALUE!		1907	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!
#VALUE!		560	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!
#VALUE!		613	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!
#VALUE!		638	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!
5901	13.00	695	18,720	5387	-474	-4692	514	181	-0.05
5265	7.00	3620	10,080	1704	6134	1916	3562	58	0.64
	13.50	1100	19,440	5782	5318	-4682			

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: FEE
1. TYPE OF WELL Gas Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: DEVON ENERGY PROD CO LP		7. UNIT or CA AGREEMENT NAME:
3. ADDRESS OF OPERATOR: P.O. Box 290 8345 North 5125 West, Neola, UT, 84053		8. WELL NAME and NUMBER: VIRGIL MECHAM 1-11A2
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1320 FNL 1445 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNE Section: 11 Township: 01.0S Range: 02.0W Meridian: U		9. API NUMBER: 43013300090000
PHONE NUMBER: 405 228-4248 Ext		9. FIELD and POOL or WILDCAT: BLUEBELL
COUNTY: DUCHESNE		STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input checked="" type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: INJECTION WELL PRESSURE TEST
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 3/27/2013			
<input type="checkbox"/> SPUD REPORT Date of Spud:			
<input type="checkbox"/> DRILLING REPORT Report Date:			

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

An injection well pressure test has been completed. State of Utah, Division of Oil, Gas & Mining Injection Well - Pressure Test Form has been completed and attached; Dennis Ingram, DOGM Specialist, witnessed and passed test. If additional information is needed, please contact George Gurr, Production Foreman, 435-353-5784.

**Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY**

April 03, 2013

NAME (PLEASE PRINT) Deanna Bell	PHONE NUMBER 435 353-5780	TITLE Senior Field Technician
SIGNATURE N/A	DATE 4/2/2013	

INSPECTION FORM 6

STATE OF UTAH
DIVISION OF OIL GAS AND MINING

INJECTION WELL - PRESSURE TEST

Well Name: <u>Virgil Mechem 1-11A2</u>	API Number: <u>43-013-30009</u>
Qtr/Qtr: <u>NWNE</u>	Section: <u>11</u>
Township: <u>1S</u>	Range: <u>2W</u>
Company Name: <u>Devon Energy Corp (Oserco)</u>	
Lease: State <u>Utah</u>	Fee <input checked="" type="checkbox"/> Federal <input type="checkbox"/> Indian <input type="checkbox"/>
Inspector: <u>[Signature]</u>	Date: <u>3-27-13</u>

Initial Conditions:

Tubing - Rate: 0 Pressure: 1095 psi

Casing/Tubing Annulus - Pressure: _____ psi

Conditions During Test: Cold & Calm.

Time (Minutes)	Annulus Pressure	Tubing Pressure
0	<u>1525</u>	<u>1095</u>
5	<u>1525</u>	<u>1095</u>
10	<u>1525</u>	<u>1095</u>
15	<u>1525</u>	<u>1095</u>
20	<u>1525</u>	<u>1095</u>
25	<u>1525</u>	<u>1095</u>
30	<u>1525</u>	<u>1095</u>

Results: Pass/Fail

Conditions After Test: Cold & Calm.

Tubing Pressure: 1095 psi

Casing/Tubing Annulus Pressure: 1525 psi

COMMENTS: _____

[Signature]
Operator Representative

Well Number: 35902 API Well Number: 43013300090000

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9																														
SUNDRY NOTICES AND REPORTS ON WELLS		5. LEASE DESIGNATION AND SERIAL NUMBER: FEE																														
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:																														
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1. TYPE OF WELL Gas Well	8. WELL NAME and NUMBER: VIRGIL MECHAM 1-11A2																															
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	STATE: UTAH																															
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA																																
TYPE OF SUBMISSION <input type="checkbox"/> NOTICE OF INTENT Approximate date work will start: <input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 2/7/2013 <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	TYPE OF ACTION <table style="width: 100%; border: none;"> <tr> <td><input type="checkbox"/> ACIDIZE</td> <td><input type="checkbox"/> ALTER CASING</td> <td><input type="checkbox"/> CASING REPAIR</td> </tr> <tr> <td><input type="checkbox"/> CHANGE TO PREVIOUS PLANS</td> <td><input type="checkbox"/> CHANGE TUBING</td> <td><input type="checkbox"/> CHANGE WELL NAME</td> </tr> <tr> <td><input type="checkbox"/> CHANGE WELL STATUS</td> <td><input type="checkbox"/> COMINGLE PRODUCING FORMATIONS</td> <td><input type="checkbox"/> CONVERT WELL TYPE</td> </tr> <tr> <td><input type="checkbox"/> DEEPEN</td> <td><input type="checkbox"/> FRACTURE TREAT</td> <td><input type="checkbox"/> NEW CONSTRUCTION</td> </tr> <tr> <td><input type="checkbox"/> OPERATOR CHANGE</td> <td><input type="checkbox"/> PLUG AND ABANDON</td> <td><input type="checkbox"/> PLUG BACK</td> </tr> <tr> <td><input type="checkbox"/> PRODUCTION START OR RESUME</td> <td><input type="checkbox"/> RECLAMATION OF WELL SITE</td> <td><input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION</td> </tr> <tr> <td><input type="checkbox"/> REPERFORATE CURRENT FORMATION</td> <td><input type="checkbox"/> SIDETRACK TO REPAIR WELL</td> <td><input type="checkbox"/> TEMPORARY ABANDON</td> </tr> <tr> <td><input type="checkbox"/> TUBING REPAIR</td> <td><input type="checkbox"/> VENT OR FLARE</td> <td><input type="checkbox"/> WATER DISPOSAL</td> </tr> <tr> <td><input type="checkbox"/> WATER SHUTOFF</td> <td><input type="checkbox"/> SI TA STATUS EXTENSION</td> <td><input type="checkbox"/> APD EXTENSION</td> </tr> <tr> <td><input type="checkbox"/> WILDCAT WELL DETERMINATION</td> <td><input checked="" type="checkbox"/> OTHER</td> <td>OTHER: Water Analysis for SWD</td> </tr> </table>		<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input checked="" type="checkbox"/> OTHER	OTHER: Water Analysis for SWD
<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR																														
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<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input checked="" type="checkbox"/> OTHER	OTHER: Water Analysis for SWD																														
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. Devon Energy Production Co., L.P. (Devon) filed an application to recomplete and convert the subject well to a SWD in 2012. Please find attached the water analysis of the formation water and the water analysis of the water to be injected. Thank you.																																
NAME (PLEASE PRINT) Julie Patrick		PHONE NUMBER 405 228-8684																														
SIGNATURE N/A		TITLE Regulatory Analyst																														
		DATE 3/26/2013																														

RECEIVED: Mar. 26, 2013

Sundry Number: 35902 API Well Number: 43013300090000

Analytical Laboratory Report for:
DEVON ENERGY UTAH

Account Representative:
Batty, Jc



Production Water Analysis

Listed below please find water analysis report from: Batch Treatment, VIRGIL MECHAM 1-11A2

Lab Test Number	Sample Date
2011404736	12/15/2011

Specific Gravity: 1.007
TDS: 8886
pH: 8.00

Cations	mg/L
Calcium as Ca ⁺⁺	4.43
Magnesium as Mg ⁺⁺	4.22
Sodium as Na ⁺	2850
Iron as Fe ⁺⁺	0.39
Potassium as K ⁺	25.4
Barium as Ba ⁺⁺	0.70
Strontium as Sr ⁺⁺	1.06
Manganese as Mn ⁺⁺	0.04

Anions	mg/L
Bicarbonate as HCO ₃ ⁻	2440

Formation water sample
from swab testing entire
injection interval.

RECEIVED: Mar. 26, 2013

Sundry Number: 35902 API Well Number: 430133000900000

Sulfate as $\text{SO}_4^{=}$	700
Chloride as Cl^-	2860

Gases	mg/L
-------	------

Carbon Dioxide as CO_2	0
Hydrogen Sulfide as H_2S	3.5

RECEIVED: Mar. 26, 2013

Sundry Number: 35902 API Well Number: 430133000900000

Analytical Laboratory Report for:
DEVON ENERGY UTAH

Account Representative:
Batty, Jc



DownHole SAT™ Scale Prediction @ 100 deg. F

Lab Test Number	Sample Date	Location
2011404736	12/15/2011	VIRGIL MECHAM 1-11A2

Mineral Scale	Saturation Index	Momentary Excess (lbs/1000 bbbls)
Calcite (CaCO3)	0.98	-0.11
Strontianite (SrCO3)	0.96	-0.07
Anhydrite (CaSO4)	0.00	-2056.21
Gypsum (CaSO4*2H2O)	0.00	-1884.53
Barite (BaSO4)	13.81	1.10
Celestite (SrSO4)	0.02	-98.97
Siderite (FeCO3)	267.71	0.68
Halite (NaCl)	0.00	-496109.72
Iron sulfide (FeS)	32.35	0.18

Interpretation of DHSat Results:

The Saturation Index is calculated for each mineral species independently and is a measure of the degree of supersaturation (driving force for precipitation) under the conditions modeled. This value ranges from 0 to infinity with 1.0 representing a condition of equilibrium where scale will neither dissolve nor precipitate. Values less than 1.0 are undersaturated and values greater than 1.0 are supersaturated. The Momentary excess is a measure of how much scale would have to precipitate to bring the system back to a non-scaling condition. This value ranges from negative (dissolving) to positive (precipitating) values. The Momentary Excess represents the amount of scale possible while the Saturation Level represents the probability that scale will form.

RECEIVED: Mar. 26, 2013

Sundry Number: 35902 API Well Number: 43013300090000

Analytical Laboratory Report for:
DEVON ENERGY



Account Representative:
Jc Batty

Production Water Analysis

Listed below please find water analysis report from: **BATCH TREATMENT, 4-11A2 SWD Triplex**

Lab Test Number	Sample Date
201304000809	02/07/2013

Specific Gravity:	1.009
TDS:	11832
pH:	8.00

Cations	mg/L
Calcium as Ca ⁺⁺	28.00
Magnesium as Mg ⁺⁺	5.40
Sodium as Na ⁺	3630
Iron as Fe ⁺⁺	0.67
Potassium as K ⁺	53.1
Barium as Ba ⁺⁺	0.19
Strontium as Sr ⁺⁺	4.72
Manganese as Mn ⁺⁺	0.04

Anions	mg/L
Bicarbonate as HCO ₃ ⁻	2440
Sulfate as SO ₄ ⁻	1150
Chloride as Cl ⁻	4520

Gases	mg/L
Carbon Dioxide as CO ₂	0
Hydrogen Sulfide as H ₂ S	

Sampled from
gathering facility
tanks representing
multiple wells
producing from
Wasatch & lower
Green River.

RECEIVED: Mar. 26, 2013

Sundry Number: 35902 API Well Number: 43013300090000

**Analytical Laboratory Report for:
DEVON ENERGY**



Account Representative:
Jc Batty

DownHole SAT™ Scale Prediction @ 100 deg. F

Lab Test Number	Sample Date	Location
201304000809	02/07/2013	4-11A2 SWD Triplex

Mineral Scale	Saturation Index	Momentary Excess (lbs/1000 bbls)
Calcite (CaCO3)	5.91	27.28
Strontianite (SrCO3)	3.59	5.56
Anhydrite (CaSO4)	0.01	-2101.46
Gypsum (CaSO4*2H2O)	0.02	-1895.39
Barite (BaSO4)	4.67	0.25
Celestite (SrSO4)	0.11	-74.59
Siderite (FeCO3)	231.06	0.69
Halite (NaCl)	0.00	-508880.56
Iron sulfide (FeS)	0.00	-0.14

Interpretation of DHSat Results:

The Saturation Index is calculated for each mineral species independently and is a measure of the degree of supersaturation (driving force for precipitation) under the conditions modeled. This value ranges from 0 to infinity with 1.0 representing a condition of equilibrium where scale will neither dissolve nor precipitate. Values less than 1.0 are undersaturated and values greater than 1.0 are supersaturated. The Momentary excess is a measure of how much scale would have to precipitate to bring the system back to a non-scaling condition. This value ranges from negative (dissolving) to positive (precipitating) values. The Momentary Excess represents the amount of scale possible while the Saturation Level represents the probability that scale will form.

RECEIVED: Mar. 26, 2013

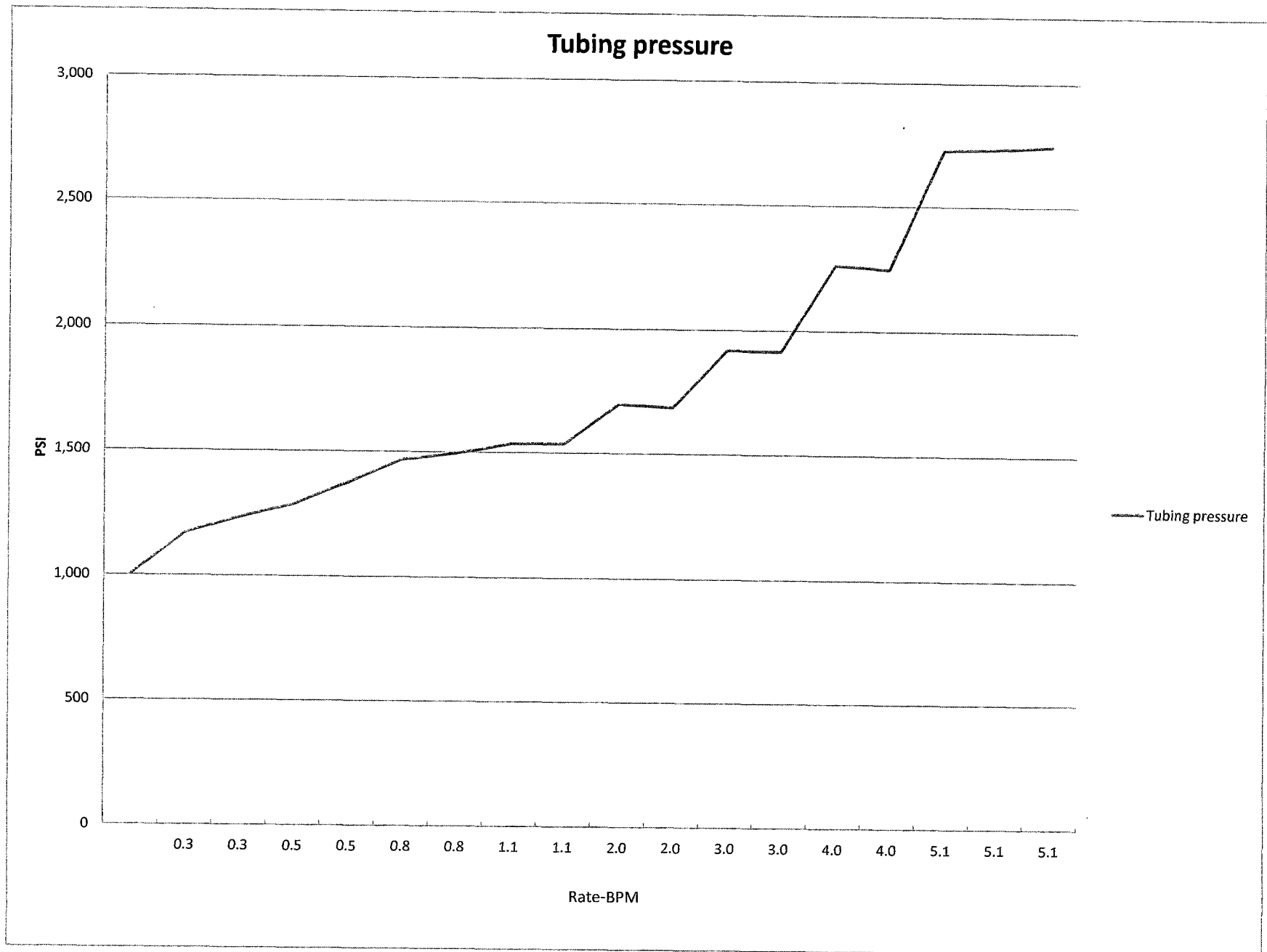
STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9			
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3. ADDRESS OF OPERATOR: P.O. Box 290 8345 North 5125 West, Neola, UT, 84053		8. WELL NAME and NUMBER: VIRGIL MECHAM 1-11A2			
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1320 FNL 1445 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNE Section: 11 Township: 01.0S Range: 02.0W Meridian: U		9. API NUMBER: 43013300090000			
PHONE NUMBER: 405 228-4248 Ext		9. FIELD and POOL or WILDCAT: BLUEBELL			
COUNTY: DUCHESNE		STATE: UTAH			
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA					
TYPE OF SUBMISSION <input type="checkbox"/> NOTICE OF INTENT Approximate date work will start: <input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 7/27/2012 <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	TYPE OF ACTION <table style="width: 100%; border: none;"> <tr> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION </td> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input checked="" type="checkbox"/> OTHER </td> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: step rate test </td> </tr> </table>		<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input checked="" type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: step rate test
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12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. Please find attached the step rate test. Thank you.					
NAME (PLEASE PRINT) Julie Patrick	PHONE NUMBER 405 228-8684	TITLE Regulatory Analyst			
SIGNATURE N/A	DATE 3/25/2013				

Sundry Number: 35899 API Well Number: 43013300090000

HALLIBURTON JOB LOG				TICKET # 9699822	TICKET DATE July 27, 2012
REGION NORTH AMERICA		NWA / COUNTRY ROCKY MOUNTAIN / USA		BDA / STATE Utah	COUNTY Duchesne
MBU ID / EMPL # 0		H.E.S EMPLOYEE NAME 0		PSL DEPARTMENT PRODUCTION ENHANCMENT	
LOCATION VERNAL UT.		COMPANY Devon		CUSTOMER REP / PHONE George Gurr	
TICKET AMOUNT \$0.00		WELL TYPE 00		WELL CATEGORY 00	
WELL LOCATION LAND		DEPARTMENT 5005		API/UWI # 0	
LEASE Virgil Mecham		WELL # 1-11A2		JOB PURPOSE CODE 0	
		SEC / TWP / RNG 0			

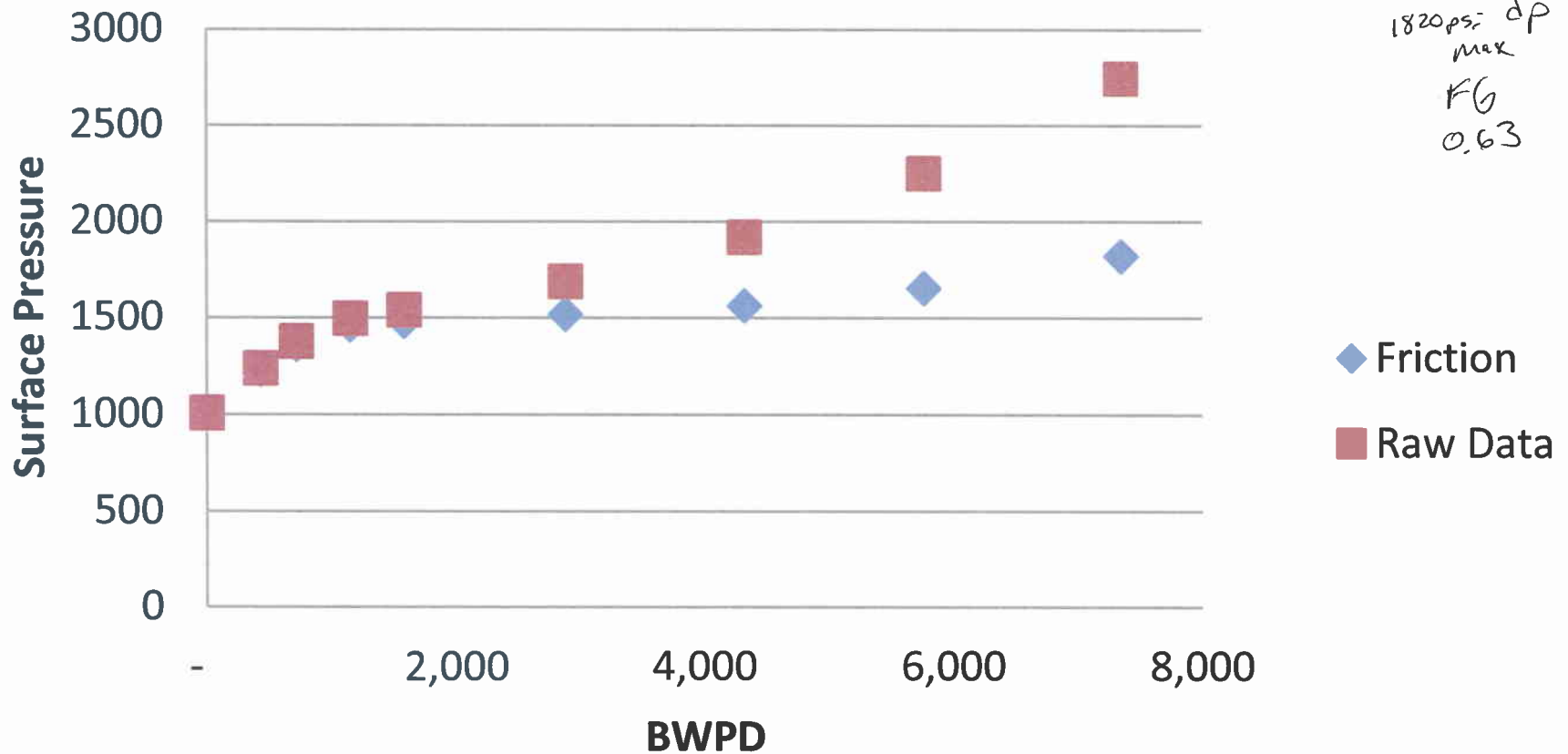
Chart No.	Time	Rate bpm	Volume bbl	Pmps		Press.(PSI)		Job Description / Remarks
				T	C	Tbg	Csg	
	0700							CALLED OUT
	1000							ON LOCATION
	1005							PRE RIG UP SAFETY HUDDLE
	1010							RIG UP
	0800							PRE JOB SAFETY MEETING
	0815							PRIME & PRESSURE TEST
	1147		0			1,005		START JOB - PUMP WATER
	1152	0.3	2			1,172		START 0.25 BPM STEP
	1222	0.3	10			1,236		END 0.25 BPM
	1223	0.5	11			1,289		START 0.5 BPM STEP
	1253	0.5	25			1,375		END 0.5 BPM
	1256	0.8	27			1,468		START 0.75 BPM STEP
	1326	0.8	50			1,494		END 0.75 BPM STEP
	1328	1.1	51			1,536		START 1 BPM STEP
	1358	1.1	83			1,538		END 1 BPM STEP
	1359	2.0	85			1,699		START 2 BPM STEP
	1429	2.0	145			1,687		END 2 BPM STEP
	1430	3.0	147			1,921		START 3 BPM STEP
	1500	3.0	237			1,916		END 3 BPM STEP
	1501	4.0	241			2,264		START 4 BPM STEP
	1531	4.0	359			2,249		END 4 BPM STEP
	1532	5.1	365			2,728		START 5 BPM STEP
	1602	5.1	517			2,733		END 5 BPM STEP
	1602	5.1	519			2,745		SHUT DOWN
	1602					1,560		ISIP
	1607					1,496		5 MINUTE
	1612					1,474		10 MINUTE
	1617					1,458		15 MINUTE
								ALL RATES AND PRESSURES DIRECTED BY CUSTOMER REP.
								SUMMARY
								HHP 83 FG. #VALUE!
								AVG RT. 2.0 BPM MAX RT. 5.1 BPM
								AVG PRESS. 1,700 PSI MAX PRESS. 2,757 PSI
								TOTAL LOAD 21,798 GAL 519.0 BBL

RECEIVED: Mar. 25, 2013



Virgil Mecham 1-11A2

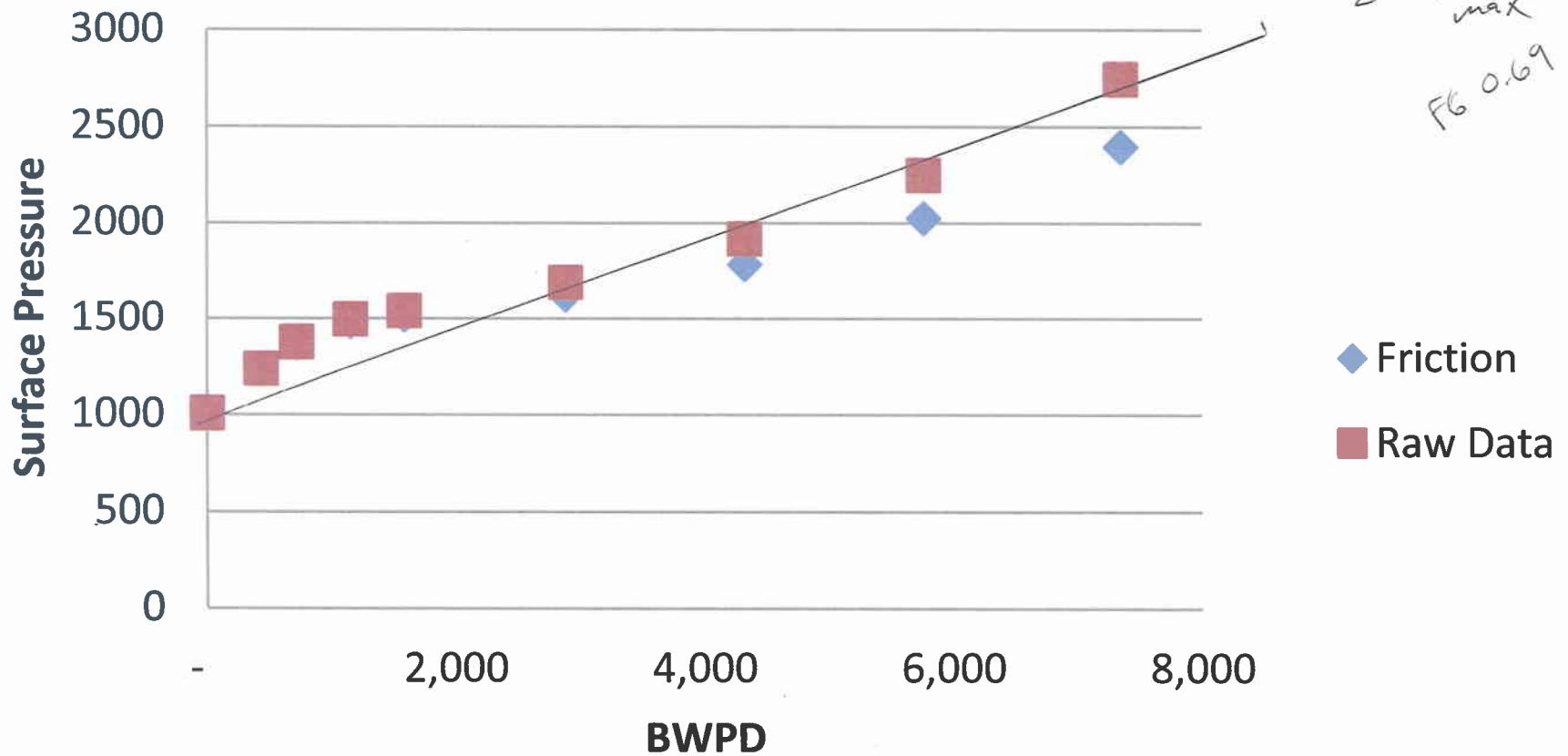
2 7/8"



Virgil Mecham 1-11A2

3 1/2"

2388 psi Δp
max
FG 0.69



STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
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9. FIELD and POOL or WILDCAT: BLUEBELL		10. COUNTY: DUCHESNE
11. STATE: UTAH		
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<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 7/28/2012	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input checked="" type="checkbox"/> OTHER	
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<input type="checkbox"/> DRILLING REPORT Report Date:	OTHER: Recompletion	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. Devon Energy Production Co., L.P. (Devon) recompleted the subject well on 7/28/2012. Please find attached the recompletion summary. Thank you.		
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY March 22, 2013		
NAME (PLEASE PRINT) Julie Patrick	PHONE NUMBER 405 228-8684	TITLE Regulatory Analyst
SIGNATURE N/A	DATE 3/20/2013	

Recompletion Summary
BBA Mecham Virgil B 1-11A2

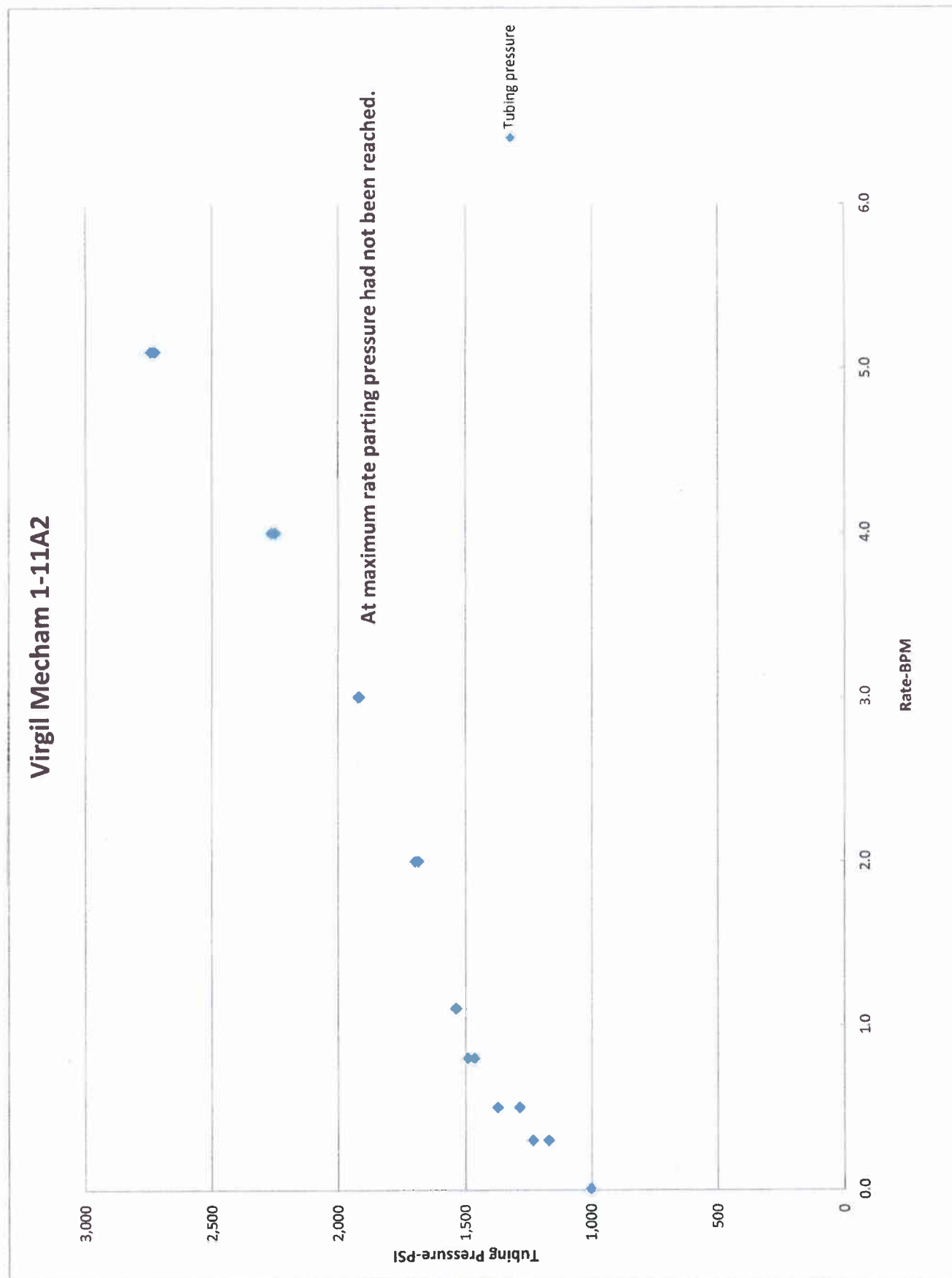
- 7/12/2012: Set plug at 9010', laid down 150 jts of 2 7/8" csg.
- 7/17/2012: Open well up, ND floor and BOPs ND old well head, NU new well head, clean up 5" csg pins and collars
- 7/18/2012: PU and RIH with 5" 18# P-110 casing. Land at 8980'
- 7/19/2012: Open well up, rig up cement crew to tbg pressure test to 3600 psi. Perform cement job, pumped 140 bbls of cement 450 sacks; displaced w/ 159 bbls got back 6 bbls of cement in returns. Pressured up on plug to 3000 psi ma job pressure was 2300 psi. Cement weight was 12.8 ppg. RD cement crew ND BOPs and spool cut off tbg, put on new well head, tested well head to 3000 psi for 15 min, RU floor and tbg tongs, pressure up on csg to 1000 psi.
- 7/20/2012: Tag cement soft at 8823' w/ 293 jts.
- 7/23/2012: Drilled up plug and float collar, drilled down to 9012'
- 7/24/2012: Run in w/ logs to inspect 5" csg.
- 7/25/2012: Open well up, hook up hard lines, break circulation; begin drilling on cement at 9012'. Drilled down through cement and plug; ran down to 9904'w/bit.
- 7/27/2012: Set land packer at 8903'; NU wellhead and test to 1000 psi; pressure test csg to 1000 psi, bled off csg.
- 7/28/2012: Hook up Halliburton to tbg and preform step rate test.

7/27/2012

Virgil Meham 1-11A2 Recompletion Summary

10/21/2011	Cement Squeeze Perforations 6821'-6958' with 400 sks cement.
10/28/2011	Cement squeezed hole in casing at 3471' with 100 sks
11/7/2011	Recovered RBP from 9802' (RBP had slipped down the hole from 8980'). Reset new RBP at 8975'
11/11/2011	Cement Squeezed holes in casing from 6818'-7318' with 400 sks
11/22/2011	Recovered RBP from 8975'
11/24/2011	Squeezed perforations from 9020'-9200' with 100 sks
12/1/2011	Ran bond log from 9208' to surface.
12/6/2011	Added additional perforations from 9554'-9732' overall
12/29/2011	Suspend operation with RBP at 9010', casing would not test, decision made to run 5" liner
7/12/2012	Recover RBP and set CIBP at 9010'
7/17/2012	Run 5" 18# P-110 casing to 8980'
7/18/2012	Cement 5" casing with 450 sks with full returns. Recovered 6 bbls of cement in returns.
7/20/2012	Drilled out casing shoe to 9010'
7/23/2012	Ran cement Bond Log, cement to surface.
7/24/2012	Drilled out CIBP and cleaned out to 9904'
7/26/2012	TIH with packer and 2-7/8" tubing, set packer at 8903'
7/27/2012	Perform step rate test. Suspend operations pending pipeline installation.

7/27/2012

[illegible]

Mark Reinbold - Virgil Mecham 3-11A2 SWD

From: "Jantz, Tom" <Tom.Jantz@dvn.com>
To: "markreinbold@utah.gov" <markreinbold@utah.gov>
Date: 3/29/2012 1:02 PM
Subject: Virgil Mecham 3-11A2 SWD

As per our recent conversation Devon is requesting the top of the proposed injection interval be raised to 9020'.

As indicated in our revised sundry we are planning on running a 5" liner from surface to the top of the injection zone and cementing it to the surface to assure casing integrity.

Based on the recent bond log ran 12/01/11, good bonding exists up to 8000'. In order to obtain more injection interval and increase the injection capacity we have requested this change.

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Mark Reinbold - RE: Virgil Mecham CBL

From: "Jantz, Tom" <Tom.Jantz@dvn.com>
To: "markreinbold@utah.gov" <markreinbold@utah.gov>
Date: 3/22/2012 7:43 AM
Subject: RE: Virgil Mecham CBL
CC: "Riechers, Patti" <Patti.Riechers@dvn.com>

Mark,

The squeezed perforations between 9000' and 9200' have broken down and would be required to be re-squeezed. This may also result in cement getting into some of the other injection perforations. Raising the injection interval to 9000' will also give us a little more interval to inject into and less 5" liner to run.

Based on the new bond log the cement bond above 9000' appears adequate to contain the injection interval.

?

Tom

From: Riechers, Patti
Sent: Thursday, March 22, 2012 8:20 AM
To: Jantz, Tom
Subject: FW: Virgil Mecham CBL

Tom, can you answer his question?

Thanks,

Patti

From: Mark Reinbold [mailto:markreinbold@utah.gov]
Sent: Wednesday, March 21, 2012 5:43 PM
To: Riechers, Patti
Subject: Re: Virgil Mecham CBL

Patti,

What is the reason for raising the top of the injection interval from 9220 to 9000?
Mark

>>> "Riechers, Patti" <Patti.Riechers@dvni.com> 3/21/2012 3:34 PM >>>

Mark, we don't have a digital copy of the log. We only have a hard copy. We are trying to contact the logging company and see if they can send us one. It may be tomorrow before we can get it sent.

Patti

Confidentiality Warning: This message and any attachments are intended only for the use of the intended recipient(s), are confidential, and may be privileged. If you are not the intended recipient, you are hereby notified that any review, retransmission, conversion to hard copy, copying, circulation or other use of all or any portion of this message and any attachments is strictly prohibited. If you are not the intended recipient, please notify the sender immediately by return e-mail, and delete this message and any attachments from your system.

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PHONE NUMBER: 405 228-4248 Ext		9. FIELD and POOL or WILDCAT: BLUEBELL			
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12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. Because of discovering several casing leaks, Devon requests to change recompletion procedure by running 5" liner from surface to 9000'. Also to raise injection interval to 9000'. Attachment: revised recompletion procedure, daily reports Also see current cement bond log previously submitted in December, 2011.					
Approved by the Utah Division of Oil, Gas and Mining Date: March 29, 2012 By:					
NAME (PLEASE PRINT) Patti Riechers		PHONE NUMBER 405 228-4248			
SIGNATURE N/A		TITLE Sr Staff Operations Technician			
DATE 3/7/2012					



The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Sundry Conditions of Approval Well Number 43013300090000

An MIT will be required prior to placing the well on injection.

**VIRGIL MECHAM 1-11A2
SECTION 11, T1S, R2W
DUCHESNE COUNTY, UTAH**

**Recompletion Procedure (Revised)
Conversion to Produced Water Injection Well
AFE 153633**

WELL DATA

Completion date:	12-22-68
TD:	11,180'
Original PBTD:	11,095'
Current PBTD:	8,980' (RBP)
Well Status:	Currently producing from UGR perforations at 120 MCFD.
Cum Production:	578 MBO, 1,800 MMCF
Casing:	10-3/4", 40.5#, K-55 @ 524' 7", 23/26/29#, N-80 @ 11,177'
Perforations:	6821 - 6956 Upper Green River 9396' – 9504' 9023' – 9342'
Other:	CIBP at 10266' w/ cement on top to 9888'. RBP at 8980' Casing leak between 4606 and 4635'. Bled from 1500 psi, then held at 1100 psi in 1995. Not squeezed

WELL HISTORY

11-20-68 through 12-23-68

- Perf 10,548-10,625' with 2 spf.
- Set retainer at 10,612' and squeezed 10,548-10,625' with 100 sxs.
- Perf 10,581-10,598' with 2 spf and acidized with 1500 g 15% HCL.
- Squeezed 10,581-10,598' with 200 sxs.
- Reperf 10,581-10,598' with 2 spf and acidized with 500 g 15% HCL.
- Squeezed 10,581-10,598' with 100 sxs.
- Reperf 10,581-10,598' with 2 spf, acidized with 650 g 15% HCL.
- Perf 10,458-10,476', 10,486-10,498' and 10,581-10,598' with 2 spf.
- Acidized 10,458-10,498' with 1000 g 15% HCL.

06-19-69 through 06-29-69

- Perf 10, 406-10,416', 10,508-10,516' and 10,521-10,526' with 2 spf.
- Acidized 10,508-10,526' with 500 g 15% HCL.
- Acidized 10,406-10,416' with 500 g 15% HCL.
- Perf 10,330-10,354', 10,356-10,360', 10,364-10,374', 10,384-10,396' and 10,424-10,446' with 2 spf.

Virgil Mecham 1-11A2 Conversion to Produced Water Injection Well

- Acidized 10,424-10,446' with 1000 g 15% HCL.
- Acidized 10,384-10,396' with 1000 g 15% HCL.
- Acidized 10,330-10,374' with 1000 g 15% HCL.
- Set RBP at 10,540' and CIBP at 10,537' (on top of RBP).

06-30-87 Tested all csg above 10,250' to 1500 psi, held OK.

07-01-87 Ran CBL/CET logs from 10,528' to 5800'.

07-03-87 Ran CET log from 7000' to surface.

07-06-87 Set 7" CIBP at 9020'. Perf 6 squeeze holes at 5700-03' and 6 squeeze holes at 4590-93'. Set retainer at 5500'.

07-07-87 Cemented outside of 7" csg from 4590' to 5703' with 150 sxs.

07-09-87 Resqueezed 4590-93' with 200 sxs.

07-13-87 Drilled out retainer at 5500'.

07-15-87 Milled out CIBP at 9020' and cleaned out down to 10,520'.

07-16-87 Set 7" retainer at 10,212' and squeezed perms 10,330-10,526' with 1000 g Flo-Chek and 100 sxs cmt.

07-17-87 Re-squeezed 10,330-10,526' with 150 sxs.

07-21-87 Drilled out retainer at 10,212' and cleaned out down to 10,450'.

07-24-87 Perf 10,324-10,430' (4 intervals, 40', 84 holes)

07-28-87 Acidized 10,324-10,430' with 5000 g 15% HCL

08-06-87 Left well shut-in.

07-11-95 Set 7" CIBP at 8200' and tested 7" csg to 1500 psi. Pumped into leak at 1.5 bpm @ 1500 psi (after shut-down, pressure appeared to stabilize at 1100 psi).

07-13-95 Pressure tested 7" casing with the following results:

Surf to 4605' Held 1500 psi OK.
4605' to 4635' Injected 1.5 bpm @ 1500 psi (shut down and pressure fell to 1100 psi in 4 minutes and then leveled off).
4635' to 8200' Held 1500 psi.
Decision was made not to repair leak at this time.

07-14-95 Perforated 6 squeeze holes at 7250-53' and another 6 holes at 6500-03'. Set 7" cmt retainer at 7180' and attempted to break circulation behind 7" csg between upper and lower squeeze holes. Could not pump into either set of squeeze holes or break circulation. Pressured holes at 7250-53 to 3500 psi, holes at 6500-03 to 1100 psi.

07-28-95 Perforated Upper Green River as follows:

6821-6825

Virgil Mecham 1-11A2 Conversion to Produced Water Injection Well

6828-6860
6876-6882
6910-6918
6930-6956

Total net ft - 76. Total holes - 304.

TIH with packer on tbg, set at 6682', pump into perforation at 6821-6956', communicates to squeeze holes at 6500-03 at 2 BPM 400 psi.

07-29-95 Set 7" Baker Max packer at 6438'.

08-07-95 First sales, test rate on 8-7-95, 340 MCFGPD, 8/64" choke, 1340 psi.

04-13-04 Swab well with swab rig, IFL 800', swabbed to seating nipple at 6418', recovered 30 bbls.

04-14-04 SITP 1000 psi, blew well down, made six swab runs, no fluid, IFL 6400', FFL 6400', tagged at 6950' with slickline.

09-20-04 Shut well in at to observe pressure buildup at surface:

Flowing tubing pressure 95 psi

19 hr SITP 1095 psi

24 hr SITP 1200

43 hr SITP 1600

48 hr SITP 1600

11-04-04 Pulled tubing and Baker Max packer. Ran a Baker Model R-3 packer with 17 jts tubing below packer. EOT at 6905, PSN at 6873, packer at 6383.

11-06-04 Treated with 25 bbls diesel overnight, swabbed back. Put back on p production.

5 2 08 Rel pkr @ 6383'. Drill out retainer @ 7195', and CIBP @ 8200'. Set cmt retainer @ 10266', cmt 60 sxs. Top of cmt @ 9888'. Perforate 9396' - 9504', 4 int, 44', 88 holes & 9023' - 9342', 17 int, 128 holes. Swab tested water in new zone. Set RBP @ 8980' to isolate new perfs. Set pkr @ 6392'. Return to prod in perfs 6821' - 6956'.

PROCEDURE:

1. MIRU workover rig, pull test rig anchors prior to rigging up.
2. ND wellhead, NU BOP and test BOP to 3000 psi. POOH with 2-7/8" tubing and packer.
3. RIH with cement retainer and set at 6700'. Squeeze perforations from 6821-6956' with 100 sks of cement.
4. Isolate leaks in casing (4,605'-4,635') above retainer and squeeze.
5. Drill out cement to top of retainer at 6700' and test casing to 1000 psi.
6. Drill out retainer at 6700' and clean out to RBP at 8980'. Test squeezed perforations to 1,000 psi.
7. TIH and retrieve RBP at 8980'. POOH.
8. PU RBP and treating packer and set RPB at 9220', spot sand on top. Set packer 8900' and squeeze perforations from 9020'-9200' with 100 sks of cement. Drill out and test to 1000 psi.
9. RU wireline and run bond log from 9200' to surface casing.
10. Perforate additional Upper Green River intervals from 9,554' – 9,732' overall in 11 intervals with 3-1/8" HSC guns as per perforation detail attached separately. Top of TGR3 interval is 9,826'. Correlate to SLB's RST Advisor dated 4-16-08. Monitor fluid level and pressure while perforating.
11. PU 7" treating packer and TIH and set packer 9200'. Swab test to obtain a water sample for the Utah State DOG&M.
12. Hold 500 psi on backside and acidize perforations with 5,000 gallons of 15% HCl acid with additives and 350 ball sealers for diversion. Treat at 8-10 BPM, limiting the surface tubing pressure to 8,000 psi. Swab back until pH is five or greater.
13. RU WL and set CIBP at 9010'.
14. RU casing crew and run 5" liner from surface to 9000'. Hang off and Cement to surface.
15. Clean out 5" casing and drill out CIBP at 9010'

16. RIH with 5" injection packer and set at 8,900'. Fill the annulus with packer fluid and test backside to 1000 psi.
17. Run injection step rate test at ¼ to 5 BPM to determine the frac gradient.
18. After finalizing the permit process, set facilities and start injecting.

TABLE 2 - TRAVEL TIMES AND AMPLITUDES FOR FREE PIPE
(3 FT RECEIVER)

CASING SIZE (in)	CASING WEIGHT (lb/ft)	TRAVEL TIME (μ s)		AMPLITUDE (mV)
		1-11/16" TOOL	3-5/8" TOOL	
4-1/2	9.5	252	233	81
	11.6	250	232	81
	13.5	249	230	81
5	15.0	257	238	76
	18.0	255	236	76
	20.3	253	235	76
5-1/2	15.5	266	248	72
	17.0	265	247	72
	20.0	264	245	72
	23.0	262	243	72
7	23.0	291	271	62
	26.0	289	270	62
	29.0	288	268	62
	32.0	286	267	62
	35.0	284	265	62
	38.0	283	264	62
7-5/8	26.4	301	281	59
	29.7	299	280	59
	33.7	297	278	59
	39.0	295	276	59
9-5/8	40.0	333	313	51
	43.5	332	311	51
	47.0	330	310	51
	53.5	328	309	51
10-3/4	40.5	354	333	48
	45.5	352	332	48
	51.0	350	330	48
	55.5	349	328	48

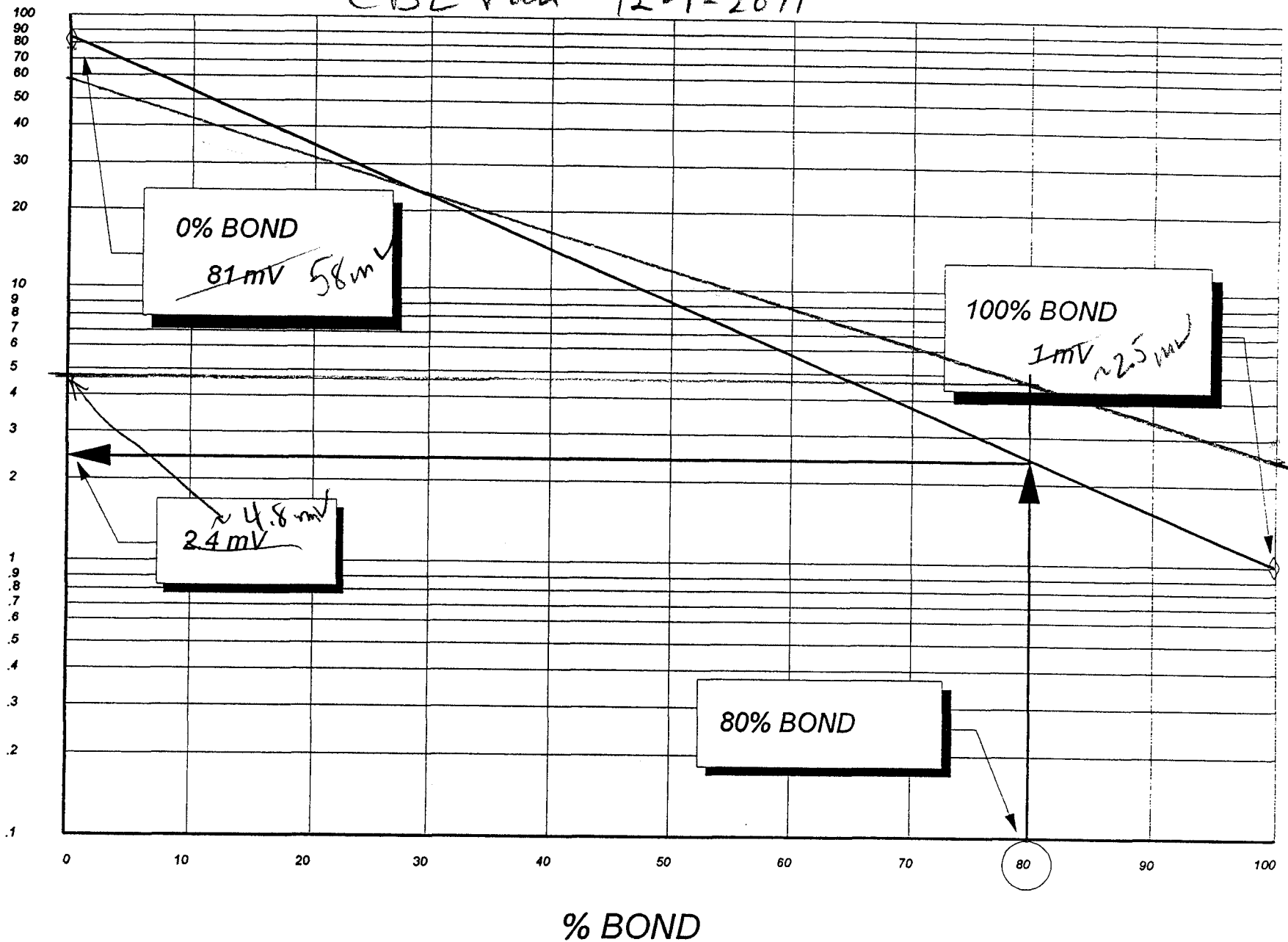


Mecham 1-11A2

43-013-30009

CBL run 12-1-2011

AMPLITUDE (mV)



STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9			
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: FEE			
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:			
		7. UNIT or CA AGREEMENT NAME:			
1. TYPE OF WELL Gas Well	8. WELL NAME and NUMBER: VIRGIL MECHAM 1-11A2				
2. NAME OF OPERATOR: DEVON ENERGY PROD CO LP	9. API NUMBER: 43013300090000				
3. ADDRESS OF OPERATOR: P.O. Box 290 8345 North 5125 West, Neola, UT, 84053	PHONE NUMBER: 405 552-7883 Ext	9. FIELD and POOL or WILDCAT: BLUEBELL			
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1320 FNL 1445 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNE Section: 11 Township: 01.0S Range: 02.0W Meridian: U		COUNTY: DUCHESNE			
		STATE: UTAH			
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA					
TYPE OF SUBMISSION <input type="checkbox"/> NOTICE OF INTENT Approximate date work will start: <input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 12/1/2011 <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	TYPE OF ACTION <table style="width: 100%; border: none;"> <tr> <td style="vertical-align: top; width: 33%;"> <input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION </td> <td style="vertical-align: top; width: 33%;"> <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input checked="" type="checkbox"/> OTHER </td> <td style="vertical-align: top; width: 33%;"> <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: Cement Bond Log </td> </tr> </table>		<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input checked="" type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: Cement Bond Log
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12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. Devon is submitting two copies of Cement Bond Gamma Ray Logs dated 12/01/2011: 1) Main Pass, 2) Main Pass 1,000 PSI. Fed Ex 8762 4846 0390 to John Rogers 12/21/2011.					
NAME (PLEASE PRINT) Deanna Bell	PHONE NUMBER 435 353-5780	TITLE Senior Field Technician			
SIGNATURE N/A		DATE 12/20/2011			



GARY R. HERBERT
Governor

GREGORY S. BELL
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

May 18, 2011

Ms. Patti Riechers
Devon Energy Production Co., L. P.
20 N. Broadway
Oklahoma City, OK 73102

Subject: Greater Altamont-Bluebell Field Well: Virgil Mecham 1-11A2
Section 11, Township 1 South, Range 2 West, USM, Duchesne County, Utah
API # 43-013-30009

Dear Ms. Riechers:

Pursuant to Utah Admin. Code R649-5-3-3, the Division of Oil, Gas and Mining (the "Division") issues its administrative approval for conversion of the referenced well to a Class II injection well. Accordingly, the following stipulations shall apply for full compliance with this approval:

1. Compliance with all applicable requirements for the operation, maintenance and reporting for Underground Injection Control ("UIC") Class II injection wells pursuant to Utah Admin. Code R649-1 et seq.
2. Conformance with all conditions and requirements of the complete application submitted by Devon Energy Production Co., L. P.
3. A casing\tubing pressure test shall be conducted prior to commencing injection.
4. Pressure shall be monitored between the surface casing and the production casing on a regular basis. Any pressure changes observed shall be reported to the Division immediately.
5. Injection shall be restricted to the Green River Formation, below a depth of 9,220 feet. A water sample is needed from the proposed injection interval in the Green River Formation in the Mecham 1-11A2 SWD well. At that time it will be necessary to establish compatibility between the water sample from the proposed injection interval and samples of the proposed injection fluids.



Page 2

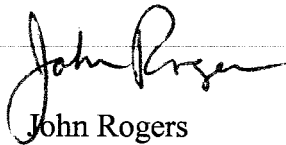
Devon Energy Production Co., L.P.

May 18, 2011

6. During recompletion, following the cement squeezing process, it will be required to run either a modern Cement Bond Log (CBL) or a Radioactive Tracer Survey (RATS) through and above the proposed water injection interval. This will be used to determine if there is suitable cement bond to prevent upward migration of injected fluids around the well casing.
7. A step-rate test will be required during recompletion in order to determine the fracture parting pressure through the proposed injection interval.

A final approval to commence injection will be issued upon satisfactory completion of the listed stipulations. If you have any questions regarding this approval or the necessary requirements, please contact Mark Reinbold at 801-538-5333 or Brad Hill at 801-538-5315.

Sincerely,

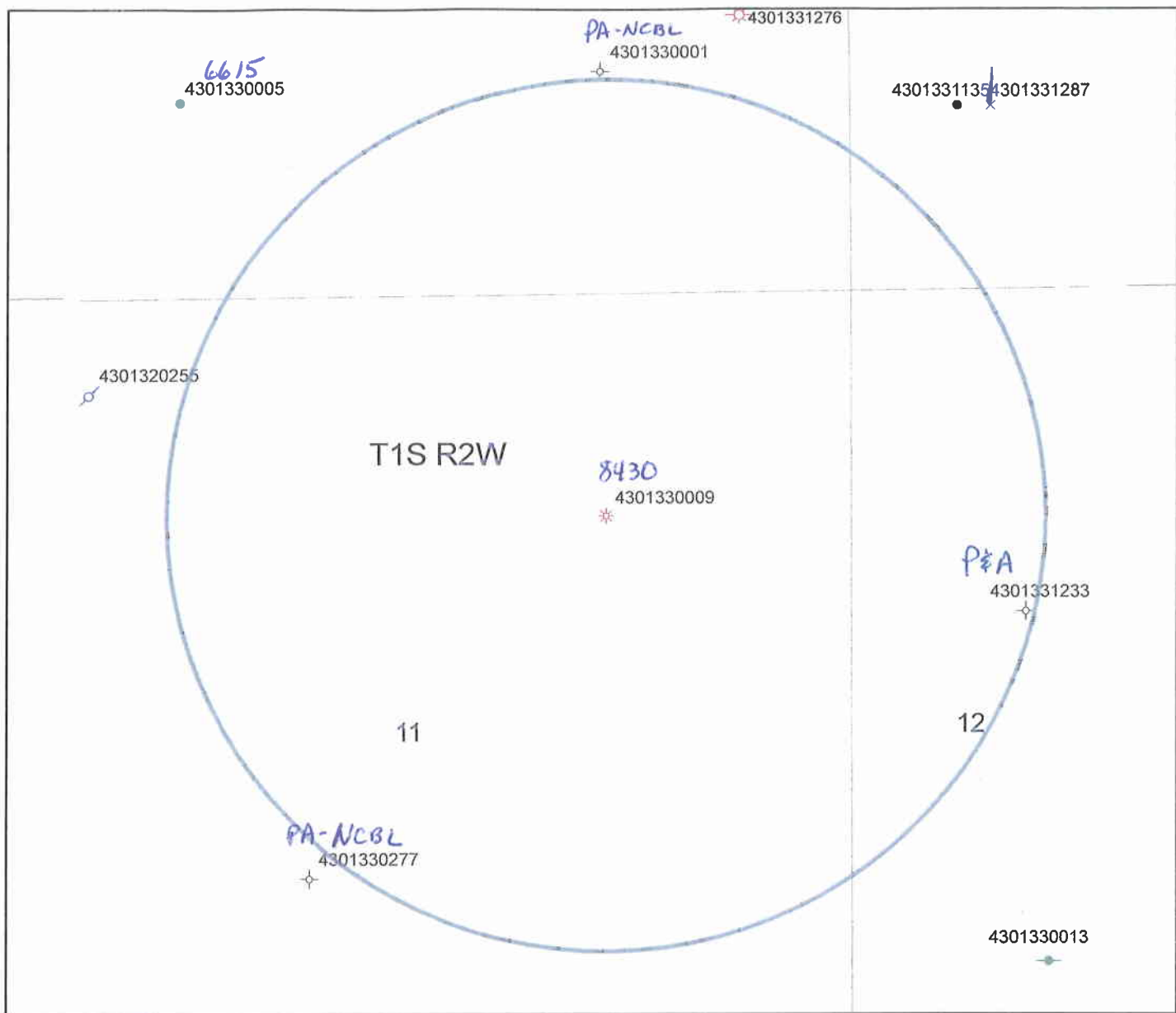
A handwritten signature in black ink, appearing to read "John Rogers", is written over a horizontal line.

John Rogers
Associate Director

JR/MLR/js

cc: Bruce Suchomel, Environmental Protection Agency
Duchesne County
Well File

N:\O&G Reviewed Docs\ChronFile\UIC\Devon Energy Production Co. L. P.

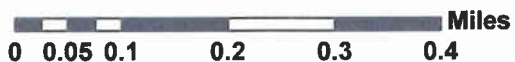


Legend

Oil & Gas Well Type

- APD-Approved Permit
- ⊕ DRL-Spudded (Drilling Commenced)
- ⊗ GIW-Gas Injection Well
- _{GS} GSW-Gas Storage Well
- × LA-Location Abandoned
- LOC-New Location Well
- OPS-Drilling Operations Suspended
- ⊗ PA-Pugged & Abandoned
- ⊗ PGW-Producing Gas Well
- POW-Producing Oil Well
- ▲ RET-Returned APD
- ⊗ SGW-Shut-in Gas Well
- SOW-Shut-in Oil Well
- ⊗ TA-Temp Abandoned
- TW-Test Well
- ⊗ WDW-Water Disposal Well
- ▲ WIW-Water Injection Well
- WSW-Water Supply Well

Cement Bond Tops Virgil Mecham 1-11A2 API #43-013-30009 UIC-373.1



- 4585 Depth to top of suitable cement bond
- Well Bottom Hole Location
- Oil & Gas Wells Hole Directional Path
- Wells-CbtltopsMaster 1-31-13
- DNR Oil Gas Wells Buffer
- County Boundaries
- PLSS Sections
- PLSS Townships

DIVISION OF OIL, GAS AND MINING
UNDERGROUND INJECTION CONTROL PROGRAM

PERMIT STATEMENT OF BASIS

Applicant: Devon Energy Production Co., L. P.

Well: Virgil Mecham 1-11A2

Location: S 11 T1S, R2W, Duchesne Co., UT

API: 43-013-30009

Ownership Issues:

The well is located on land privately owned by Ben and Robin Mecham. Mineral rights are also privately owned. An affidavit of notification of operators, mineral owners, and surface owners located within a one-half (1/2) mile radius Area of Review (AOR) has been provided.

Following the issue of Notice of Agency Action by the Division of Oil, Gas & Mining (March 10, 2011), only one letter of protest was received by the Division. That letter, dated March 29, 2011, was from landowners Ben and Robin Mecham. Subsequently, a Surface Lease agreement was reached (signed May 3, 2011) between the Mechams and David S. Frank, Attorney-in-Fact for Devon Energy Production Company, L.P.

Well Integrity:

Description of the Casings and Cement:

CASING PROGRAM

<u>String Type</u>	<u>Hole Size</u>	<u>Depth</u>	<u>Feet</u>	<u>Casing Diameter</u>	<u>Weight</u>	<u>Grade</u>
Surface	15"	524'	524'	10 3/4"	40.5#	K-55
Liner		8,980	8,980	5"	18#	P-110
Production	8 3/4"	11,177'	11,177'	7"	23/26/29#	N-80

CEMENT PROGRAM

<u>String Type</u>	<u>DV Depth</u>	<u>Stage Lead/Tail</u>	<u>Cement Bottom</u>	<u>Cement Top</u>	<u>Number Sacks</u>	<u>Cement Type</u>	<u>Cement Yield</u>	<u>Cement Weight</u>
Surface		Lead Tail	524	Surface	400 100	50/50 Pozmix Class G	?	?
Liner			8,980	Surface	450	Class G	?	?
Production		Lead Tail	11,177(?)	7950	825 100	50/50 Pozmix Class G	?	?

Devon Energy Production Company, L. P. proposes to inject produced water from oil and gas production from the Wasatch and Green River Formations in the Bluebell Field. A current list of sources, consisting of tanks for two of Devon's nearby SWD wells, is included with the UIC Permit Application. Devon will submit an annual list of sources for the prior year with the annual fluid injection report and fluid analyses.

The Virgil Mecham 1-11A2 well was first completed as an oil well on 12/22/1968, producing from the Green River/Wasatch, with perforations at 10,458-10,598 feet. The well was converted to a gas well in the upper Green River Formation 8/2/1995, with perforations at 6500-7180 feet. According to DOGM records the well is currently a producing gas well, producing from perforations at 6821-6956 feet.

A Cement Bond Log (CBL) demonstrates good cement bond in this well only up to about 9090 feet depth. The initially proposed injection interval was 9023 to 9732 feet, in the upper Green River Formation. Because the CBL suggests that cement in the initially proposed injection interval is of dubious quality (probably necessitating a cement squeeze job), Devon's revised proposal calls for squeezing the perforations above 9190 feet depth and injecting into a relatively sand-rich interval in the upper Green River Formation, spanning a gross interval of 284 feet, from 9220' to 9504' depth. Devon indicates that if additional rate is required, the interval from 9504 to 9732, which is part of the same relatively porous zone, might be utilized. Below the proposed injection interval and above the regional TGR3 marker is the basal aquitard, consisting of a regional lacustrine shale about 90 feet thick. The upper aquitard is described as a series of lacustrine shales, the top of which is marked by the Mahogany Bench. In the Virgil Mecham well this interval is about 500 feet thick.

The CBL in the interval above the proposed injection interval appears to demonstrate adequate cement bond. However, the CBL is very old, having been run 11/20/1968, at the time of the well completion. In addition to the CBL track at normal scale (0-100 mV), there are gamma ray, and transit time. There are no variable density (VDL) or expanded scale amplitude tracks. For free pipe the log shows a maximum reading of approximately 55 mV. For purposes of calculation, this value was used to represent 0% bond, and 1 mV was used for 100% bond. This yields a value of about 2.2 mV for the required 80% bond. Using the maximum

value of 2.2 mV on the bond log for 80% bond, it can be demonstrated that there are about 48 net feet of suitable cement bond in the 134-foot interval (9090' to 9224') immediately above the proposed injection perforations (9224'-9504'). Based on interpretation of the CBL, there appears to be an adequate amount of good cement bond to protect groundwater aquifers above the injection zone.

Update (03/23/2012): During the recompletion process, perforations were squeezed from 9020' to 9200'. Subsequently, a new CBL was run on 12/01/2012 by Perforators LLC. The logged interval extends from the surface to 9207'. In the left track the log includes gamma ray, transit time, and collar locator. The right track includes amplitude at normal (0-100 mV) and amplified (0-20mV) scales. There is also a variable density log (VDL). For free pipe the amplitude shows a maximum reading of about 58 mV. For purposes of calculation, this value was used to represent 0% bond, and 2.5 mV was used for 100% bond. This yields a value of about 4.8 mV for the required 80% bond. Using the value of 4.8 mV for 80% bond, there are about 61 feet of suitable cement bond in the 138-foot interval from 9062' to 9200'. The new CBL shows generally good light cement up to at least 8430'.

Update (3/30/2012): In a Sundry Notice dated 03/07/2012 Devon submitted a revised recompletion procedure. Because they had discovered several casing leaks, Devon requested to change the recompletion procedure by running a 5" liner from the surface to a depth of 9000 feet and to raise the top of the injection interval to 9000 feet. Based upon review of the proposed procedure, geologic cross-sections, and the new cement bond log (12/01/2012), it was concluded by DOGM personnel that there should be adequate cement bond in the interval above 9000 feet. Devon's request for change of procedure and revised injection interval was approved by Brad Hill on 03/29/2012.

A cast iron bridge plug (CIBP) is set at 10,266 feet, above the cemented Lower

Green River perforations, and capped with 78 feet of cement, up to 9888 feet. A 2 7/8 inch tubing with a packer is currently set at 6393 feet, above the producing gas well perforations, which are at 6821 to 6956 feet. A removable bridge plug (RBP) is currently set at 8980 feet. During the conversion to a saltwater disposal well, the RBP will be removed, and the tubing and packer moved down to 9170 feet, about 50 feet above the top of the proposed injection zone. The existing Upper Green River perforations between 6500 and 7253 feet will be squeezed with cement. A mechanical integrity test, with advance notification to DOGM, will be run on the well prior to injection.

There is one plugged and abandoned gas well within the (0.5 mile radius) AOR. This well is the Duncan 4-12A2 (43-013-31233), located nearly 0.5 mile east-southeast of the Virgil Mecham 1-11A2 well. Abandonment of the Duncan well was completed on 10/15/2004 and was approved by Dave Hackford of DOGM.

Update (04/04/2013): A Mechanical Integrity Test (MIT) was performed on 03/27/2013 and was witnessed by Dennis Ingram of DOGM. The test was conducted for 30 minutes, with a consistent annulus pressure of 1525 psi and a tubing pressure of 1095 psi. The result was acceptable. In the process of recompletion, the Removable Bridge Plug (RBP) at 8980' was removed, and a 5" casing was cemented to a depth of 8980 feet inside the original 7" production casing. A packer was set at 8903' inside the 5" casing.

The proposed maximum injection rate was estimated to be 2000 barrels per day according to the revised application (3/4/2011). However, based on the Step Rate Test (SRT) performed 4/29/2013, the Maximum Allowable Injection Pressure (MAIP) is determined to be 1650 psig, and the Maximum Allowable Injection Rate is restricted by the pressure limitation.

Ground Water Protection:

In the Area of Review (AOR) (0.5 mile radius), the Utah Division of Water Rights lists two wells and six surface water rights. Water wells for domestic supply are drilled into the shallow older alluvium or the underlying Duchesne River Formation. The two wells have depths of 40 feet and 300 feet. The water is used for domestic purposes, stock water, and irrigation. Surface water rights consist of streams, springs, and seeps. Surface water is also used for domestic purposes, stock water, and irrigation, as well as for oil well facilities.

As interpreted from Technical Publication No. 92, the base of moderately saline groundwater (3000-10,000 mg/l TDS) is estimated at a depth of approximately 1400 feet in the Virgil Mecham 1-11A2 well. This is about 7800 feet above the proposed injection interval top at 9220 feet, in the upper Green River Formation.

A step-rate test will be performed during recompletion to determine the fracture parting pressure of the Green River Formation through the proposed injection interval. Based on the results of the step-rate test, a final maximum pressure, which is below the fracture parting pressure, will be requested. This will ensure that injection will not initiate any new fractures or propagate existing fractures through the overlying strata or confining interval, which could enable the injected fluid or formation fluid to enter into fresh water formations. Any groundwater present should be adequately protected.

The application submitted by Devon includes standard laboratory water analyses of produced water from batch treatment tanks at two nearby injection wells, both operated by Devon. The 4-11A2 SWD (43-013-20255) and 1-3A2 SWD (43-013-30021) wells are both located within one mile northwest of the Mecham well. The two water analyses are identical. The analyses show a specific gravity of 1.008, a

TDS of 11,177 ppm, and a pH of 9.50.

As an attachment to the application, Devon includes a local structure contour map on the top of the Mahogany Bench. This map indicates that the Mecham 1-11A2 well is located on the southeast flank but near the top of an east-west oriented domal structure, which is part of a more extensive anticlinal trend. South of the anticline the structure is somewhat undulating, but there is a gentle syncline, with dips typically 100-150 feet per mile. North of the anticline the dips are generally steeper to the north, averaging 150-300 feet per mile. No faults are indicated in the area. Devon's application suggests that although the Mecham well is in the vicinity of a closed structural high, the structure should play little part in the "conveyance or storage" of injected water. According to Devon, the proposed injection interval has tested water wet, and fluid movement within the interval should be primarily pressure dependent.

As indicated by Devon, there are four active saltwater injection wells within a nine mile radius of the Mecham well which utilize, in whole or in part, this same stratigraphic interval for injection. The nearest of these wells is Devon's SWD 4-11A2, which is located in NW NW Section 11, only about 0.6 mile west-northwest of the Mecham well.

Devon Energy Production Company, L. P. proposes the injection of produced waters from the Green River and Wasatch Formations in the Bluebell Field into the proposed injection interval in the upper Green River Formation in the Virgil Mecham 1-11A2 SWD well. Pursuant to review of the application and documentation submitted by Devon, it appears that the injection should cause no diminution of the quality of the already generally poor quality water in the injection zone. After injection ceases, increased pressure around the wellbore will abate over time. No long term negative impacts to surface or ground water are anticipated as a result of

the proposed injection operation.

Oil/Gas & Other Mineral Resources Protection:

Greater Altamont-Bluebell Field is the largest oil producing area in the Uinta Basin. Production is primarily from fractured Paleocene-Eocene lacustrine and fluvial deposits of the Green River and Wasatch (Colton) Formations. Depths of production are generally 10,500 to 13,000 feet (with some lesser production as shallow as about 8000 feet), with the most prolific reservoirs in over-pressured sandstones in the Colton Formation and underlying Flagstaff Limestone.

No other known potentially producible mineral or hydrocarbon zones are reported in the area. The well records of the Division document that there is one other plugged and abandoned well within the 0.5 mile radius of the AOR. The Duncan 4-12A2 is located nearly 0.5 mile east-southeast of the Mecham well. The Duncan well was completed as a gas well and began production 11/3/1989. It produced gas from the upper Green River Formation from the 6556-6713 feet interval. The Duncan well was subsequently plugged and abandoned on 9/26/2004. The plugging was observed and approved by Dave Hackford of DOGM.

Bonding:

Devon Energy Production Co., L. P. has a \$120,000 blanket surety bond in place, which ensures plugging of this well.

Information and Corrective Actions Needed:

1. A water sample is needed from the proposed injection interval in the Green River Formation in the Mecham 1-11A2 well. At that time it will be necessary to

establish compatibility between the water sample from the proposed injection interval and samples of the proposed injection fluids.

Update (3/26/2013): Per DOGM's request, water samples were collected from the proposed injection interval in the Mecham 1-11A2 well and compared with injection water for compatibility. During the recompletion process, a formation water sample was collected on 12/15/2011 by swab testing the entire injection interval (9224-9732). Lab analyses for this sample indicated TDS 8886 mg/l, specific gravity 1.007, and pH 8.00. A composite sample of injection water was collected on 2/7/2013 from Devon's central gathering facility tanks, representing multiple wells producing from the Wasatch and lower Green River Formations. Lab analyses for this composite sample indicated TDS 11, 832 mg/l, specific gravity 1.009, and pH 8.00. The injection waters are considered to be suitably compatible with the formation waters in the injection zones.

2. Because of the age (11/20/1968) and questionable quality of the existing Cement Bond Log (CBL), it will be required, following cement squeezing during recompletion, to run a modern CBL or a radioactive tracer survey (RATS) through and above the proposed water injection interval. This will determine if there is suitable cement bond to prevent upward migration of injected fluids around the well casing.

Update (3/22/2012): A new Cement Bond/Gamma Ray Log was run by The Perforators LLC on 12/1/2011. The logged interval extends from the surface to a depth of 9207 feet. The new CBL shows generally good light cement up to at least 8430'

3. A step-rate test will be required during recompletion in order to determine the fracture parting pressure through the proposed injection interval.

Update (5/2/2013): A step-rate test (SRT) was run by Halliburton on 7/27/2012. The injection test was pumped down 2-7/8" 8rd N-80 tubing with a packer set at 8903'. During the test, a maximum injection pressure of 2757 psi was reached, with a maximum injection rate of 5.1 BPM. There was no clear break over point to indicate fracture pressure. Pursuant to discussions between DOGM petroleum engineer Dustin Doucet and Devon engineer Tom Jantz, it was concluded that the original SRT did not indicate a parting pressure. Due to friction in the tubing, it was either not reached or was masked. Devon agreed run another SRT to a higher rate, with a bottom hole pressure recorder in place. The second SRT was run by Halliburton on 4/29/2013. The average injection pressure was 3000 psi, with a maximum of 4000 psi, and the maximum injection rate was 8.0 BPM. This test indicated an Initial Shut-in Pressure (ISIP) of 1650 psig. Dustin Doucet concluded that this would be a suitable Maximum Allowable Injection Pressure (MAIP), with the Maximum Allowable Injection Rate to be determined by the MAIP. A UIC permit was issued on 5/2/2013 with an MAIP of 1650 psig. Devon reported first injection on 5/6/2013.

Actions Taken and Further Approvals Needed:

Notice of this application was published in the Salt Lake Tribune and the Uintah Basin Standard. In addition, copies of the notice were provided to the Environmental Protection Agency (EPA), Region VIII, Duchesne County Planning, and the Operator.

A properly designed and constructed water disposal well, combined with periodic mechanical integrity tests, poses no threat to fresh or useable groundwater supplies.

The Division staff recommends approval of this application contingent upon no additional or unforeseen information being presented that is relevant to this analysis or modifies the data presented herein.

Reviewer(s): Mark L. Reinbold

Date: 5/17/2011 (with subsequent updates)

UIC INJECTION PERMIT ANALYSIS FORM
WELL NAME: Virgil Mecham 1-11A2 (4301330009)

R649-5-2. Requirements For Class II Injection Wells Including Water Disposal, Storage And Enhanced Recovery Wells.	Completed Items, Needed Items, & Comments
1. Injection wells shall be completed, equipped, operated, and maintained in a manner that will prevent pollution and damage to any USDW, or other resources and will confine injected fluids to the interval approved.	1. OK
2. The application for an injection well shall include a properly completed UIC Form 1 and the following:	2. OK (2/16/2011)
2.1. A plat showing the location of the injection well, all abandoned or active wells within a one-half mile radius of the proposed well, and the surface owner and the operator of any lands or producing leases, respectively, within a one-half mile radius of the proposed injection well.	2.1. OK Plat OK, updated surface owners map received 3/7/2011
2.2. Copies of electrical or radioactivity logs, including gamma ray logs, for the proposed well run prior to the installation of casing and indicating resistivity, spontaneous potential, caliper, and porosity.	2.2. OK Available logs include gamma, shear amplitude, compressional amplitude, variable density, resistivity, spontaneous potential, conductivity, sonic, caliper.
2.3. A copy of a cement bond or comparable log run for the proposed injection well after casing was set and cemented.	2.3. OK Cement bond log only for 4000-7178 depth, CBL received 3/7/2011 extends from 6490 to 11,074. New cement bond log run 12/1/2011 from surface to 9200 feet.
2.4. Copies of logs already on file with the division should be referenced, but need not be refiled.	2.4 OK.
2.5. A description of the casing or proposed casing program of the injection well and of the proposed method for testing the casing before use of the well.	2.5. OK (2/16/2011), revised recompletion procedure submitted as sundry notice by Devon 3/7/2012.
2.6. A statement as to the type of fluid to be used for injection, its source and estimated amounts to be injected daily.	2.6. OK. Composite injection water sample taken on 2/7/2013.
2.7. Standard laboratory analyses of (1) the fluid to be injected, (2) the fluid in the formation into which the fluid is being injected, and (3) the compatibility of the fluids.	2.7. OK. Swab sample taken from injection interval on 12/15/2011. Analyses indicate compatibility with injection water.
2.8. The proposed average and maximum injection pressures.	2.8. Maximum injection pressure to be determined by step-rate test during conversion process.
2.9. Evidence and data to support a finding that the proposed injection well will not initiate fractures through the overlying strata or a confining interval that could enable the injected fluid or formation fluid to enter the fresh water strata.	2.9. Will be determined by step-rate test during conversion process.
2.10. Appropriate geological data on the injection interval and confining beds, and nearby Underground Sources of Drinking Water, including the geologic name, lithologic description, thickness, depth, water quality, and lateral extent; also information relative to geologic structure near the proposed well which may effect the conveyance and/or storage of the injected fluids.	2.10. OK Not much specific information on USDW's. Revised stratigraphic and structural cross-sections, geologic structure map, and report received 3/30/2011.
2.11. A review of the mechanical condition of each well within a one-half mile radius of the proposed injection well to assure that no conduit exists that could enable fluids to migrate up or down the wellbore and enter improper intervals.	2.11. OK. Only one plugged & abandoned well within Area of Review. Has been properly documented.
2.12. An affidavit certifying that a copy of the application has been provided to all operators, owners and surface owners within a one-half mile radius of the proposed injection well.	2.12. OK Revised surface owners map and affidavit received 3/7/2011.
2.13. Any other additional information that the board or division may determine is necessary to adequately review the application.	2.13. OK

OTHER COMMENTS AND OBSERVATIONS: Application submitted for noticing on 3/10/2011.

Reviewed by: Mark Reinbold Date: 5/16/2011 (with later revisions)

Mark Reinbold - Virgil Mecham 1-11A2 conversion to SWD well

From: "Wooldridge, Jan" <Jan.Wooldridge@dvn.com>
To: "markreinbold@utah.gov" <markreinbold@utah.gov>
Date: 5/16/2011 3:38 PM
Subject: Virgil Mecham 1-11A2 conversion to SWD well
CC: "Kerran, Jo Ann" <JA.Kerran@dvn.com>

Mr. Reinbold:

With respect to the letter dated March 29, 2011 from Ben and Robin Mecham, surface owners of the land where the Virgil Mecham 1-11A2 is located, the current status is as follows:

Devon has been in direct contact with the Mechams regarding the issues outlined in their March 29th letter and all matters have been resolved. Devon Energy Production Company, LP and Ben and Robin Mecham have entered into a Surface Use Lease for the use of their property while the well is a saltwater disposal well. The primary issues in their March 29th letter were just compensation and Devon not creating any further damage to their property, especially due to increased traffic on the road that is essentially also their driveway.

Under the terms of our surface lease, which is attached for your reference, we have agreed to an amount agreed by both sides to be just compensation and both sides have agreed that Devon will bury a pipeline and pipe the water from our disposal system which is near but not on the Mecham's property. We have agreed to keep use of the Mecham "drive" to light trucks with the exception of the larger vehicles needed for the conversion to SWD and in the event we need to make repairs, etc. on the well. Most importantly, we have agreed Devon will not use the road to haul SWD to the well.

The last thing the Mecham's questions in their March 29th memo to Brad Hill was the fact that there are other injections wells within 1 or 2 miles of the Mecham well and why was Devon not using those wells to dispose of this water. The answer is simply those wells do not have the remaining capacity to take additional water.

I hope this E-Mail answers any questions you may have. Please feel free to contact me.

I have just realized the Surface Lease is in our Lease Records Department (to be set up) in another building and I will not be able to get a copy of it to you with this E-Mail. I will, however get a copy first thing in the morning and send it to you.

Janet Wooldridge, CPL
 Senior Petroleum Landman
 Devon Energy Production Company, LP
 20 North Broadway
 Oklahoma City, Oklahoma 73102
 Direct - 405-552-4626
 Fax - 405-552-4552
 jan.wooldridge@dvn.com

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**SURFACE LEASE
VIRGIL MECHAM No. 1-11A2 SWD Well**

THIS AGREEMENT, made and entered into effective this 3rd day of May, 2011 by and between Ben W. Mecham and Robin Mecham, husband and wife, 4246 West 8000 North, Roosevelt, Utah 84066, ("Lessors") and DEVON ENERGY PRODUCTION COMPANY, L. P., 20 North Broadway, Oklahoma City, OK 73102-8260, ("Lessee").

Lessors, for and in consideration of the covenants contained herein and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, do hereby lease the below described Leased Premises unto Lessee for a term to be determined by the life of the Virgil Mecham 1-11A2 Saltwater Disposal Well; this agreement will remain in effect until the Virgil Mecham 1-11A2 is no longer being used for the disposal of saltwater, unless sooner terminated as hereinafter provided. The following described Leased Premises is situated in Duchesne County, State of Utah, ("Leased Premises") and is more particularly described as follows:

A five acre (5 ac.) (more or less) wellsite location the center of which is located 1320' from the north line and 1445' from the east line of the NE/4 of Section 11, Township 1 South, Range 2 West, USB&M, Duchesne County, Utah. The SWD wellsite location is currently the wellsite location for the Virgil Mecham 1-11A2 well.

LESSORS warrant and covenant that they are the owners of the lands covered hereby and that said lands are free and clear of all encumbrances and liens of whatsoever character, except those of record, and except taxes and assessments not yet due.

1. Compensation. The compensation rate for lessees use of the property shall be Thirty Thousand Dollars (\$30,000.00) due and payable upon the execution of this agreement. This shall be a one time compensation payment and no further rents or dues are payable during the term of this Lease.
2. Use For The Water Disposal. Lessee shall have the exclusive right to use the Leased Premises, and the existing Virgil Mecham 1-11A2 well bore, converting the well thereon for the disposal of salt and mineral waters ("the Water"), including the right to inject said water into the substrate of said land. It being understood that Lessee will be delivering the Water by means of a high pressure pipeline system placed in existing rights of ways, some of which are owned by Lessors. At no time will Lessee be injecting water into the Virgil Mecham 1-11A2 well from the surface.
3. Maintenance and Improvements. Lessee, upon prior written approval of Lessor, with Lessor agreeing to not arbitrarily withhold written approval, shall have the right to construct on the Leased Premises and remove such buildings, structures, appliances, pumps, engines, machinery, pipelines and electric power lines on the property as are necessary for operation of the Virgil Mecham 1-11A2 as a SWD facility. Under no circumstances shall Lessee have the further right to transport the Water over and across the Leased Premises by means of trucks or other motor vehicles.
4. Excess Taxes. Lessee agrees to pay any excess taxes that may be assessed against any lands covered by this agreement, because of the existence of erected facilities,

improvements placed or constructed upon the Leased Premises and any activities of Lessee on the Leased Premises.

5. Prevention of Damage. Lessee agrees to take reasonable steps to prevent its operations from (a) causing or contributing to soil erosion or to the injury of terraces or other soil-conserving structures on said Leased Premises; (b) polluting the waters of springs, streams, ground water, aquifers or wells associated with the Leased Premises; (c) damaging crops, timber or pastures, consistent with the purpose of this lease; or (d) harming or injuring in any way the surrounding property owned by Lessor, especially damage to Lessors' drive, which is the sole entrance to the Virgil Mecham 1-11A2 well. The utmost caution will be used by Lessee and their contractors when using this drive. While there will be large vehicles using the drive during the time the well is being converted to a SWD facility, once each five years for the mechanical integrity test required by the State of Utah and possibly any other mechanical failures or malfunctions that will need repair, it is understood by Lessor and Lessee that the drive is not to be used by large vehicles if at all possible. Lessee agrees to maintain road at all times.
6. Pod Buildings and Compressor Stations. No pod buildings or compressor stations will be located on the land without consultation with the Lessor and the payment of reasonable compensation for such use of the property
7. Limitation on Rights. Lessee shall not stack rigs on Lessor's lands, for more than 15 days either on or off the well site without the prior written consent of Lessor; except when Lessee has the rig on location and due to weather conditions determines that it will cause less damage to leave the rig on location and discontinue operations until weather conditions improve.
8. Removal of Equipment. During the term of this agreement, Lessee shall have the right to remove from Leased Premises within three (3) months after the termination or abandonment, hereof, any or all wells, structures, pipes, equipment, and other facilities placed on, over, under, through, and across any lands covered hereby, and title thereto shall be vested in Lessee at all times, and shall in no event be considered or construed as fixtures thereto. Leased Premises shall be cleaned and restored to as near as possible its natural condition within the period.
9. Environmental Provisions. Lessee hereby agrees to defend, hold harmless and indemnify Lessor against all environmental losses, and damages to the Leased Premises, arising out of or caused by Lessee's occupancy or use of the Leased Premises, including but not limited to all environmental losses arising or resulting from: (i) the Leased Premises failing to be free of contamination from any Hazardous Substance or any other substance or material identified to be toxic or hazardous according to any Environmental Law, including, without limitation, any cyanide, asbestos, PCBs, radioactive substance, methane, volatile or nonvolatile inorganic material or other substance which has in the past or could presently or at any time in the future cause or constitute a health, safety or other environmental hazard to any Person or property (ii) Lessee's causing or suffering to occur a spill, leak or emission of any Hazardous Substance, oil or petroleum (any of the foregoing being a "Release") at, or upon (except for the injection use described above), the Leased Premises or any contiguous real estate (iii) Lessee being involved in

operations at the Leased Premises which lead or could lead to the imposition on it or any other owner of the properties of liability or the creating of a Lien on the Leased Premises under any Environmental Law (iv) Lessee engaging in any activity that could lead to the imposition of liability for Lessor or the creating of a Lien on the Leased Premises, under any Environmental Law (v) the contamination of any ground water aquifers or, (vi) the contamination of any property outside of the Leased Premises. This indemnity encompasses all environmental losses and damages, whether foreseeable or unforeseeable, direct or consequential, actual or threatened, including, without limitation, the cost of any required or necessary inspection, audit, cleanup, detoxification or similar action, and the preparation of any closure or other required plans, consent orders, license applications or similar processes. This indemnification is limited to claims for losses or damages that occur during the term of this Agreement or are a direct result of Lessee's actions. Lessee agrees that environmental losses or damages shall include, without limitation: (i) any loss or damage suffered by Lessor, unless the claim or suit resulting in such loss is ultimately determined to be false or (ii) any liability of Lessor for damages resulting from the personal injury or death of any Person, and notwithstanding the fact the Lessee has paid, or is obligated to pay, such Person (or his/her survivors) under the worker's compensation laws of the State of Utah, or any other similar law for the protection of employees.

10. General Indemnification. Lessee agrees to indemnify, defend and hold Lessor harmless from and against all claims, actions, damages, costs, liabilities and expenses, including reasonable attorney fees, investigative and discovery costs, court costs and other costs of defense, and all other sums directly or indirectly resulting from or on account of loss of life, personal injury and/or damage to property arising or resulting from or out of any occurrence in, upon or at the Leased Premises or from the occupancy or use by Lessee or anyone claiming by, through or under Lessee of the leased premises or any part thereof, or from any breach or default by Lessee in the performance of this Lease, or occasioned wholly or in part by any act or omission of Lessee, its agents, contractors, employees, licensees, sub-lessees, concessionaires or invitees. For the purpose hereof, Leased Premises shall include any property adjoining the same. Lessee shall have no liability as a result of Lessor or Lessor employee(s), contractor(s) or other Lessor personnel actions, gross negligence or willful misconduct associated with the Leased Premises.
11. Restoration of Surface. Within six (6) months after termination of the lease, Lessee shall remove all machinery, material and structures used in connection with Lessee operations on the Leased Premises, and shall fill in and level off all excavations, pits or other alterations in the surface of the land caused in connection with said operations, and generally shall restore the surrounding land and the means of ingress and egress to their original condition so far as is reasonably possible, including the replacing or repairing of all fences which may have been removed or damaged and including re-sod range or other grasses where damaged. Within six (6) months after expiration of this lease, Lessee shall perform specifically all the above obligations that have not been performed. In the event Lessee has not completed restoration within six (6) months after expiration of this lease, Lessee shall pay to Lessor the sum of two hundred dollars (\$200.00) per month until such restoration is complete or Lessor and Lessee have agreed to some alternative.

12. Non-compliance. If Lessee fails to comply with any provision or requirement of this agreement, Lessor shall give written notice to Lessee indicating the area of non-compliance. Lessee shall have thirty (30) days in which to correct said non-compliance; if, at the end of said thirty (30) day period Lessee fails to take remedial action, and thereby has failed to comply with the provisions of this agreement, this agreement, at Lessor's option, may be terminated. If notice of default is given to Lessee, or if Lessor initiates any claim against the Lessee for breach hereof, Lessee shall reimburse Lessor reasonable attorney fees and costs incurred in connection therewith only if Lessee is found to have been in breach of the Agreement. In addition, Lessee shall be obligated to pay any and all damages that result from breach of this agreement, even if Lessor terminates this agreement.
13. Cumulative Remedies. The rights and remedies of the parties hereto shall be construed cumulatively, and none of such rights and remedies shall be exclusive of, or in lieu or limitation of any other right, remedy or priority allowed by law.
14. Entire Agreement. This instrument constitutes the entire agreement between the parties with respect to the transactions contemplated herein and supersedes all previous written or oral negotiations, commitments and writings and cannot be altered or otherwise amended except pursuant to an instrument in writing signed by each of the parties hereto.
15. Governing Law. The interpretation and construction of this Agreement, and all matters relating thereto, shall be governed by the laws of the State of Utah without regard to Utah's Conflict of Law laws. Any judicial proceeding brought to enforce this Agreement, or any matter related thereto, shall be brought in the appropriate courts for Salt Lake County, State of Utah or the appropriate United States District Court for Salt Lake County, Utah. By execution of this Agreement, each party accepts and agrees to the exclusive jurisdiction of the aforesaid courts and irrevocably agrees to be bound by any judgment rendered thereby in connection with this Agreement.
16. Headings and Gender. The section headings used in this Agreement are intended solely for convenience of reference and shall not amplify, limit, modify or otherwise be used in the interpretation of any of the provisions of this Agreement. The masculine, feminine or neuter gender and the singular or plural number shall be deemed to include the others whenever the context so indicates or requires.
17. Notices. All notices and other communications hereunder shall be in writing and shall be deemed to have been duly given if signed by the respective persons giving them or by their attorneys and delivered by hand, or deposited in the mail, certified, return receipt requested, properly addressed and postage prepaid, as follows:
- | | |
|--|--|
| Ben W. and Robin Mecham
4246 West 8000 North
Roosevelt, Utah 84066 | Devon Energy Production Company, L. P
20 N. Broadway
Oklahoma City, OK 73102 |
|--|--|
18. Assignment. No change of the ownership of the Leased Premises, whether resulting from death or conveyance, shall be binding on the Lessee until after the Lessee has been

furnished with a written court order, transfer or assignment or a certified copy thereof. Lessee may not assign or otherwise convey its rights or delegate its duties under this Agreement without the written consent of Lessor unless said assignment or conveyance is by merger or reorganization. Lessor written consent shall not be unreasonably withheld.

19. Waiver of Breach. Any waiver by either party of any breach of any kind or character whatsoever by the other, whether such be direct or implied, shall not be construed as a continuing waiver of, or consent to any subsequent breach of this Agreement.

Executed by the parties hereto the date shown below, but this Agreement shall be effective as of the date first herein written.

LESSORS:

By: Ben W. Mecham
Ben W. Mecham

By: Robin Mecham
Robin Mecham

LESSEE:

DEVON ENERGY PRODUCTION COMPANY, L.P.

By: David S. Frank, Attorney-in-Fact *DSF*

Date: May 3, 2011

Virgil Mecham 1-11A2

Sec. 11-T1S-R2W

Bluebell Field

Duchesne County, Utah

GL: 5920'

API No. 43-013-30009

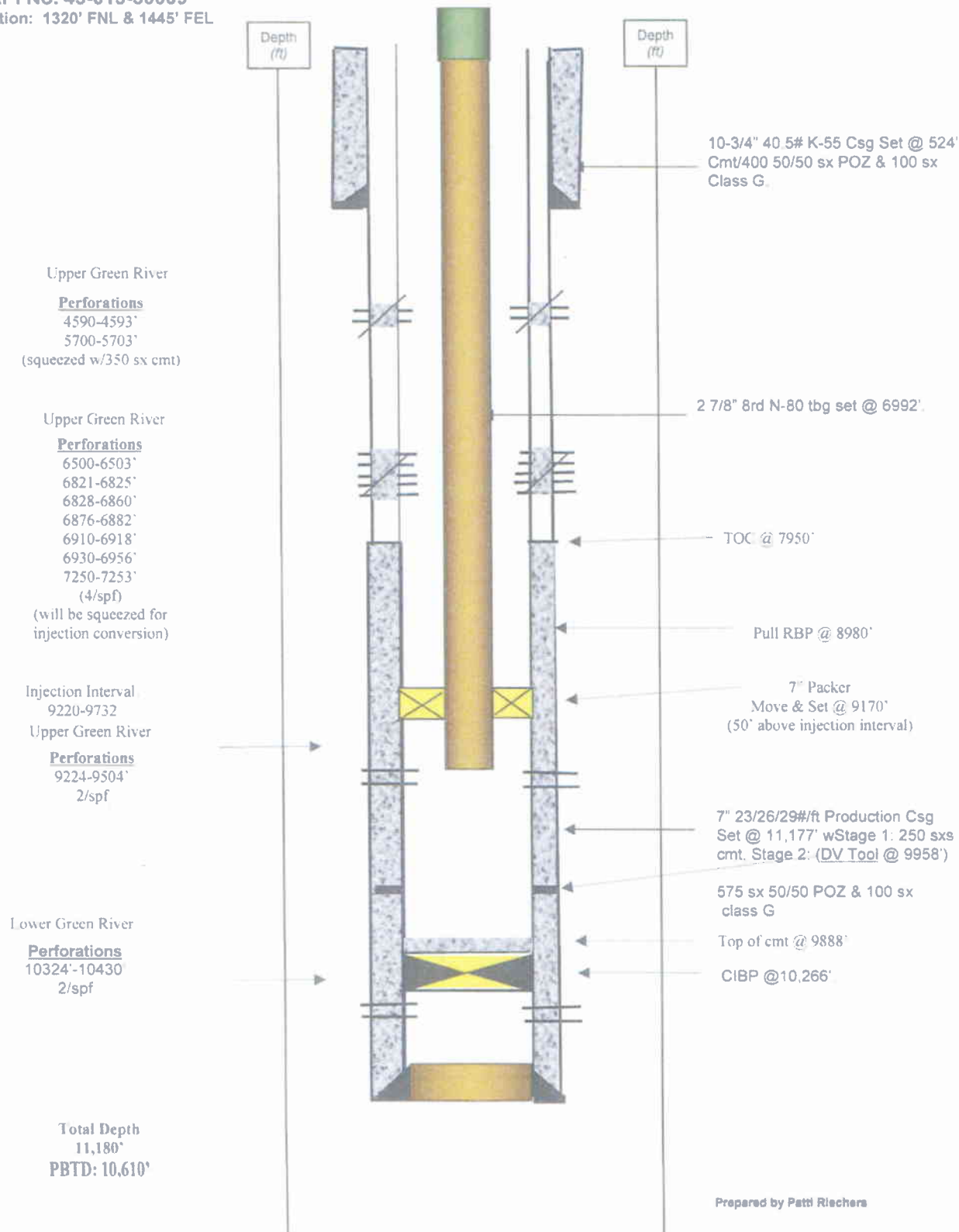
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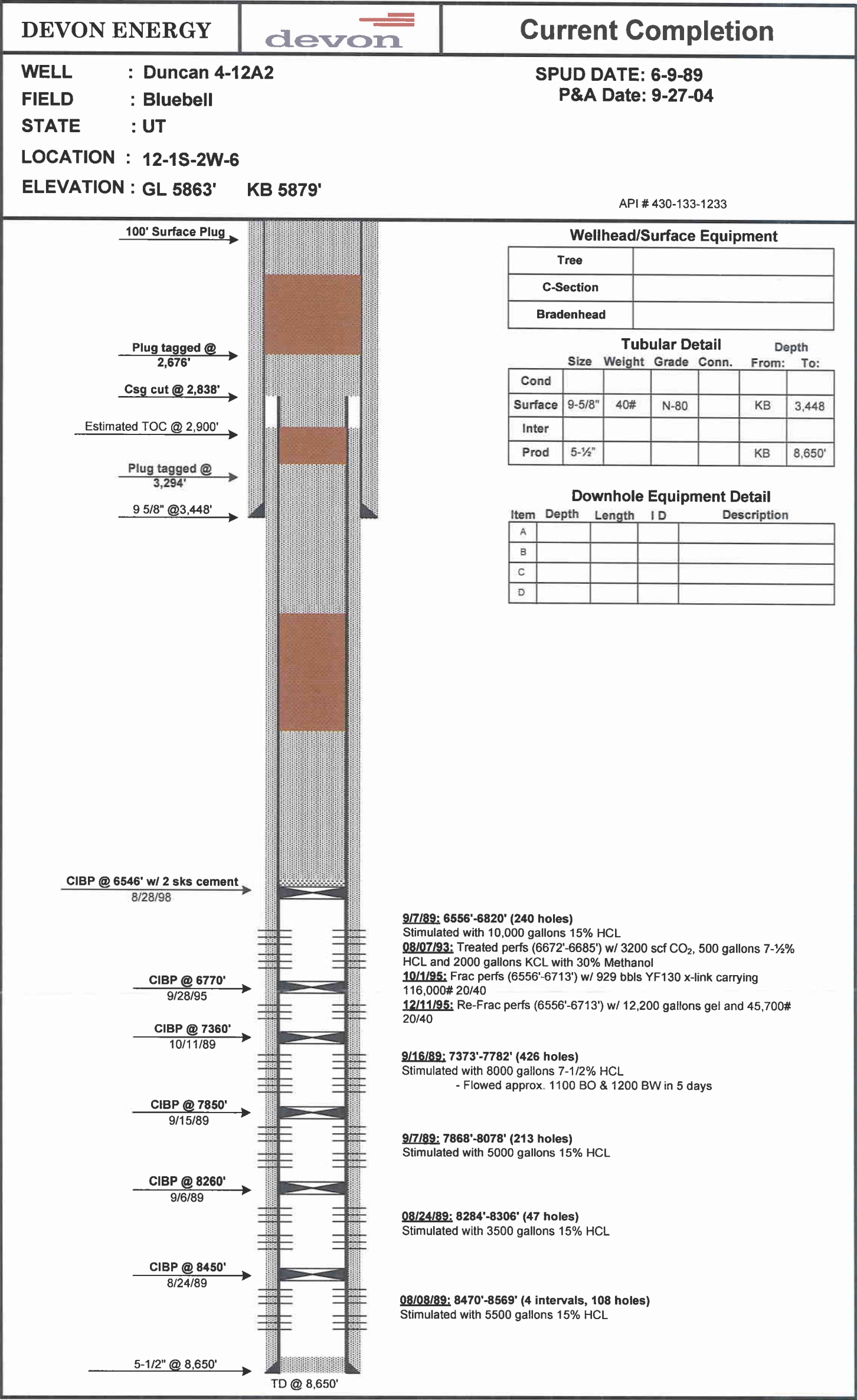
Wellbore Diagram Virgil Mecham Injection wellbore updated 4/29/11

Devon Energy Production
Company, L.P.

Spud Date: 8/27/68
TD Date: 11/08/68
Completed 12/22/68

PROPOSED SCHEMATIC





PREPARED BY: Doug Haymaker

APPROVED BY:

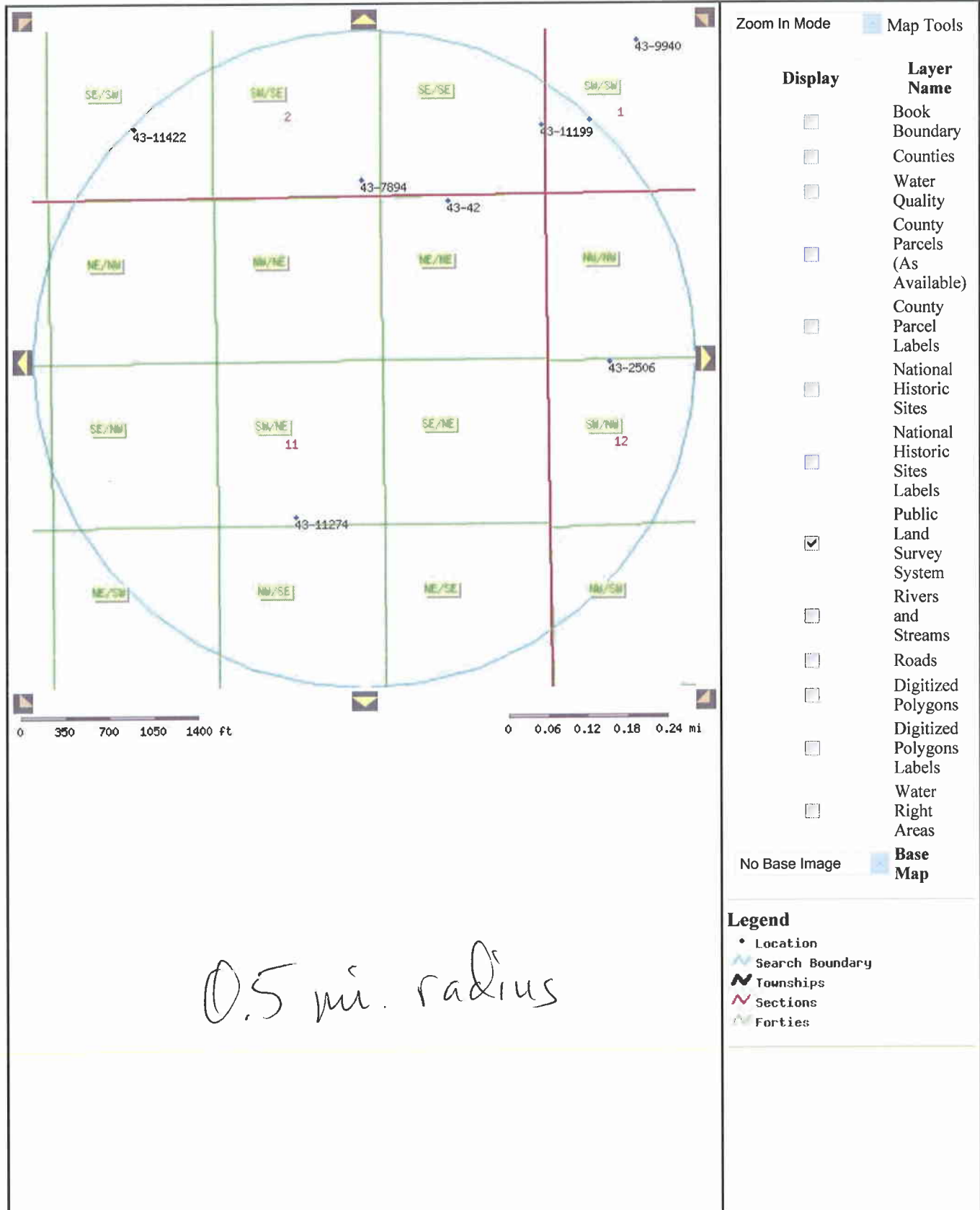
DATE: 8-12-13

DATE:



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Utah Division of Water Rights

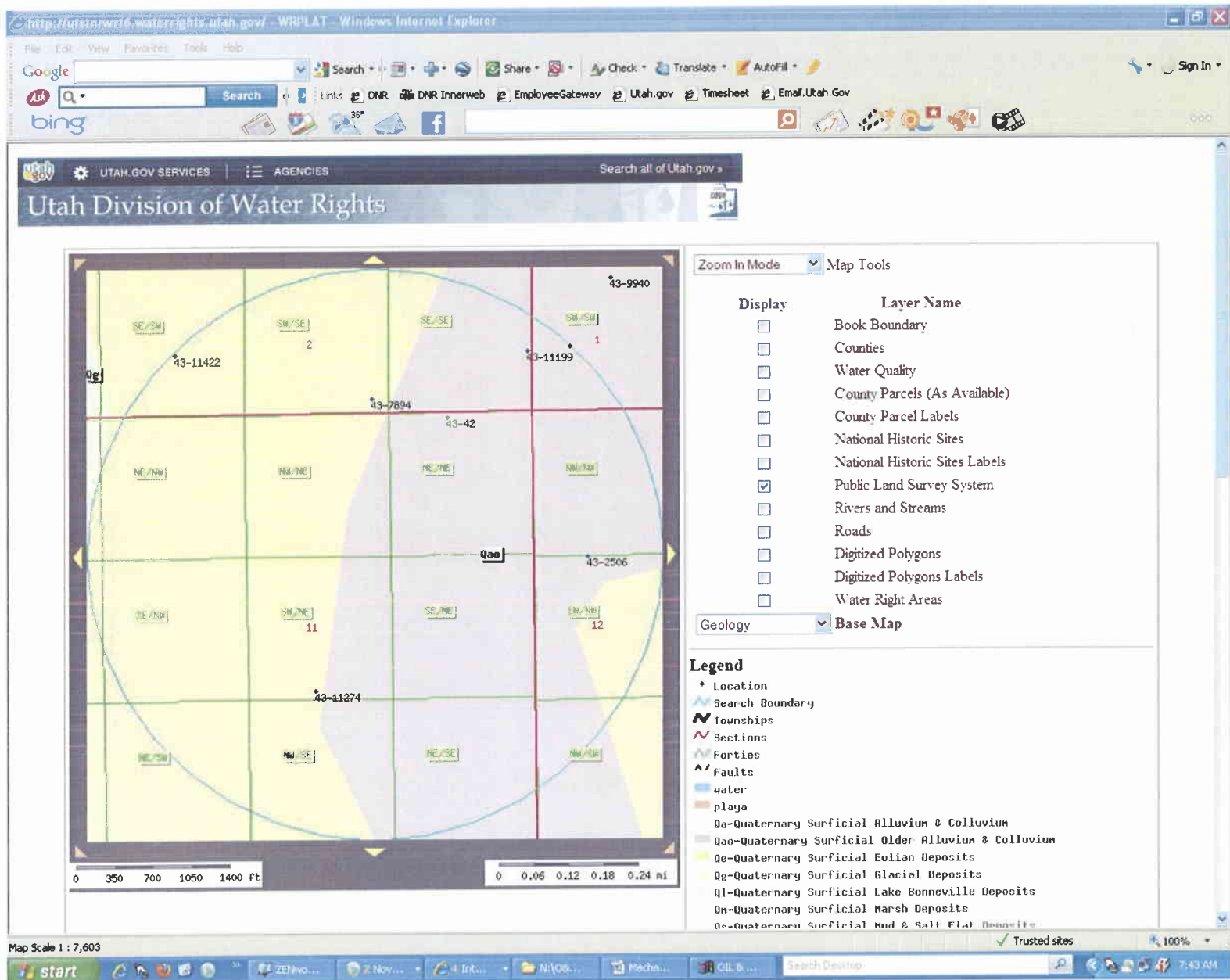




Utah Division of Water Rights | 1594 West North Temple Suite 220, P.O. Box 146300, Salt Lake City, Utah 84114-6300 | 801-538-7240
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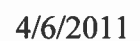
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- ◆ Location
- ↘ Search Boundary
- ↘ Townships
- ↘ Sections
- ↘ Forties
- ↘ Faults
- water
- playa
- Qa-Quaternary Surficial Alluvium & Colluvium
- Qao-Quaternary Surficial Older Alluvium & Colluvium
- Qe-Quaternary Surficial Eolian Deposits
- Qg-Quaternary Surficial Glacial Deposits
- Ql-Quaternary Surficial Lake Bonneville Deposits
- Qm-Quaternary Surficial Marsh Deposits
- Qs-Quaternary Surficial Mud & Salt Flat Deposits
- Qls-Quaternary Surficial Landslide Deposits
- Qb-Quaternary Volcanic Rocks, Mostly Basalt
- Qr-Pliocene Volcanic Rocks, Rhyolite
- QT-Miocene-Pleistocene High-Level Alluvial Deposits
- T5-Miocene-Pleistocene Sevier River, Castle Valley Fms
- T4-Oligocene-Pliocene Valley-Filling Alluvial, Lacustrine
- T3-Eocene-Oligocene Duchesne River, Uinta, Bridger, Crazy Hollow
- T2-Eocene Green River, Fowkes
- T1-Cretaceous-Eocene Wasatch, Cotton, Claron, White Sage
- Tpb-Pliocene Volcanic Rocks-Mostly Basalt
- Tnb-Miocene Basalt, Rhyolite, Andesite, Tuffaceous
- Tpr-Pliocene Volcanic Rocks, Rhyolite
- Tnr-Miocene Volcanic Rocks, Rhyolite
- Tna-Miocene Volcanic Rocks, Andesite
- Tnv-Miocene Volcanic Rocks
- Tov-Oligocene Volcanic Rocks
- Tvu-Tertiary Volcanic Rocks, Tertiary
- Ti-Tertiary Intrusive Rocks
- TK-Paleocene-Cretaceous Evanston, Currant Creek, Canaan Peak
- K3-Cretaceous Mesaverde Group, Price River, Kaiparawits, Echo Cyn
- K2-Cretaceous Indianola, Mancos, Frontier, Iron Springs
- K1-Cretaceous Dakota Cedar Mtn, Kelvin
- J2-Jurassic Morrison Fm
- J1-Jurassic Summerville, Entrada, Carmel Arapien, Twin Creeks
- Jg-Jurassic Navajo, Kayenta, Wingate, Moenave Fms
- Ji-Jurassic Intrusive Rocks
- Tr2-Triassic Chinle, Ankareh Fms
- Tr1-Triassic Moenkopi, Dinwoody, Woodside, Thaynes
- P2-Permian Kaibab, Toroweap, Park City
- P1-Permian Cedar Mesa, Diamond Creek, Arcturus
- PP-Penn-Permian Oquirrh Group, Wells, Weber, Ely, Callville
- P-Pennsylvanian Morgan, Round Valley, Honaker Trail, Paradox
- M3-Mississippian Chainman, Manning Canyon, Doughnut
- M2-Mississippian Great Blue, Humbug, Deseret
- M1-Mississippian Redwall, Madison, Garrison, Lodgepole
- Devonian Formations



Utah Division of Water Rights





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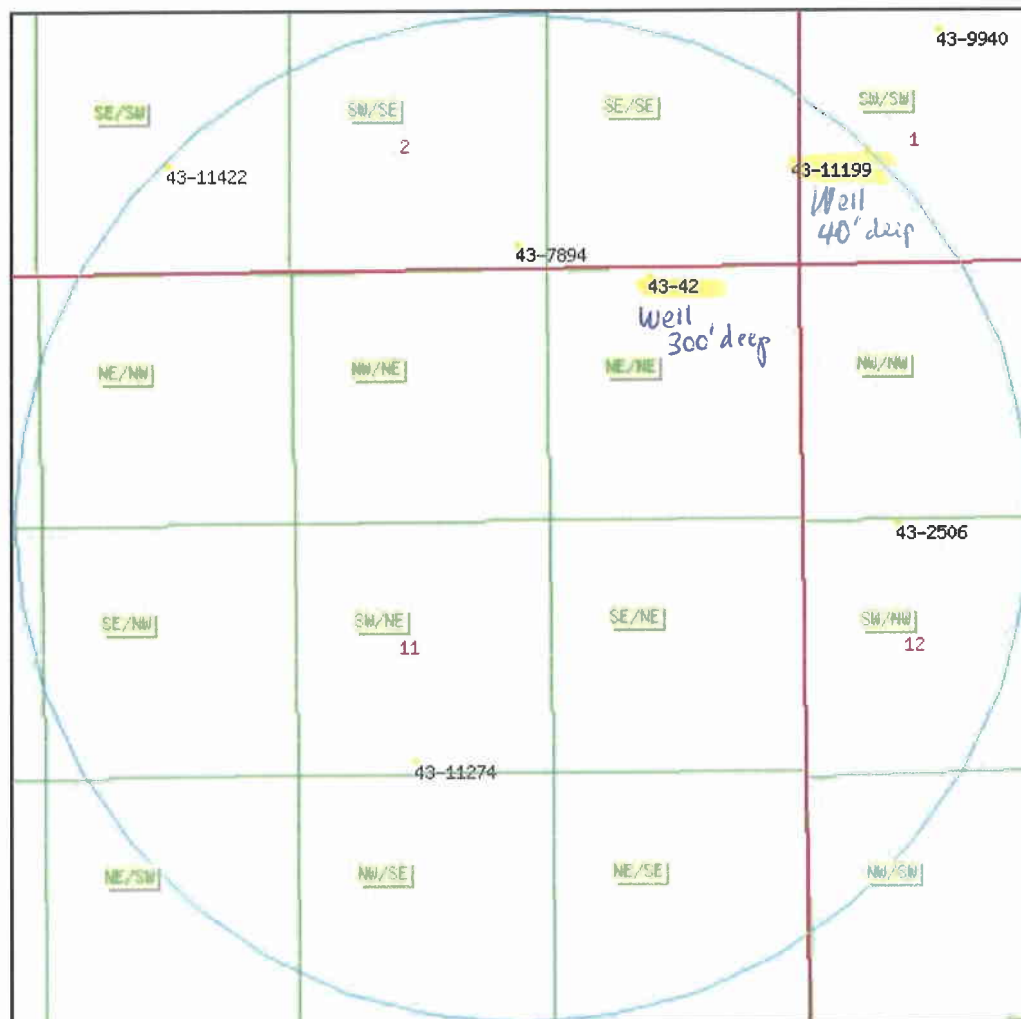
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Output Listing

Version: 2009.05.06.00 Rundate: 04/06/2011 07:27 AM

Radius search of 2640 feet from a point S1320 W1445 from the NE corner, section 11, Township 1S, Range 2W, US
b&m Criteria: wrtypes=W,C,E podtypes=S,U,D,Sp,P,R,T status=U,A,P usetypes=all



0 350 700 1050 1400 ft

Water Rights

WR Number	Diversion Type/Location	Well Log	Status	Priority	Uses	CFS	ACFT	Owner Name
43-7947	Point to Point N600 E350 SW 01 1S 2W US		U	1861	S	0.100	0.000	DUNCAN MCNEIL P.O. BOX 59 ROUTE 1
43-11199	Underground	well	P	20011102	DIS	0.000	1.480	RODNEY D. OLSEN

		info					
	N556 W38 SE 02 1S 2W US					ROUTE 1 BOX 1183	
43-11274	Surface	P	20020828 OS	0.000 1.480		BEN AND ROBIN MECHAM	
	N60 W2028 E4 11 1S 2W US					RT. 1 BOX 1358	
43-11422	Surface	A	20031216 S	0.000 1.480		DANNY W. MURRAY	
	N559 W638 S4 02 1S 2W US					BOX 236	
43-2506	Surface	P	19560412 IS	0.804 0.000		JOSEPH R. DUNCAN	
	N1300 E470 W4 12 1S 2W US					ROUTE #2	
43-42	Underground	well info	P	19680109 DIS	0.015 0.000	RONALD DUNCAN FAMILY TRUST	
	S55 W784 NW 12 1S 2W US					RONALD DUNCAN AND MARY DUNCAN, TRUSTEES	
43-7894	Surface	P	19760713 DIS	0.015 0.000		BEN AND ROBIN MECHAM	
	N150 E1170 S4 02 1S 2W US					RT. 1, BOX 61	
43-9940	Surface	A	19860905 O	0.015 0.000		LINMAR ENERGY CORPORATION	
	N1232 E717 SW 01 1S 2W US					P.O. BOX 1327	

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Please be aware that the claim under this Water Right Number has NOT been established in accordance with statute and its validity is in question. Therefore, CAUTION is advised when relying upon this record!!!

(WARNING: Water Rights makes NO claims as to the accuracy of this data.) RUN DATE: 04/06/2011

WATER RIGHT: 43-7947 APPLICATION/CLAIM NO.: CERT. NO.:

OWNERSHIP*****

NAME: Duncan McNeil
ADDR: P.O. Box 59 Route 1
Roosevelt UT 84066

DATES, ETC.*****

LAND OWNED BY APPLICANT?	COUNTY TAX ID#:		
FILED:	PRIORITY: / /1861	PUB BEGAN:	PUB ENDED:
ProtestEnd:	PROTESTED: [No]	HEARNG HLD:	SE ACTION: []
EXTENSION:	ELEC/PROOF: []	ELEC/PROOF:	CERT/WUC: 03/20/1980
RUSH LETTR:	RENOVATE:	RECON REQ:	TYPE: []
PD BOOK: [43-	MAP: [133d]	PUB DATE:	

TYPE -- DOCUMENT -- STATUS--

Type of Right: Pending Adjudication Claim Source of Info: Water User's Claim Status:

LOCATION OF WATER RIGHT*** (Points of Diversion: Click on Location to access PLAT Program.)*****MAP VIEWER***GOOGLE VIEW*

FLOW: 0.1 cfs SOURCE: 5 Springs
COUNTY: Duchesne COMMON DESCRIPTION:

POINTS OF DIVERSION:

- (1) Stockwatering directly on spring located at N 600 ft. E 350 ft. from SW corner, Sec 01, T1S, R2W, USBM.
- (2) Stockwatering directly on spring located at N 1057 ft. E 1600 ft. from SW corner, Sec 01, T1S, R2W, USBM.
- (3) Stockwatering directly on spring located at S 650 ft. W 750 ft. from E4 corner, Sec 02, T1S, R2W, USBM.
- (4) Stockwatering directly on spring located at S 1100 ft. W 775 ft. from E4 corner, Sec 02, T1S, R2W, USBM.
- (5) Stockwatering directly on spring located at S 650 ft. W 1150 ft. from E4 corner, Sec 02, T1S, R2W, USBM.

USES OF WATER RIGHT***** ELU -- Equivalent Livestock Unit (cow, horse, etc.) ***** EDU -- Equivalent Domestic Unit or 1 Family

Select Related Information

(WARNING: Water Rights makes NO claims as to the accuracy of this data.) RUN DATE: 04/06/2011

WATER RIGHT: 43-11199 APPLICATION/CLAIM NO.: A73723 CERT. NO.: CERTIFICAT

OWNERSHIP*****

NAME: Rodney D. Olsen
ADDR: Route 1 Box 1183
Roosevelt UT 84066

DATES, ETC.*****

LAND OWNED BY APPLICANT? Yes COUNTY TAX ID#:
FILED: 11/02/2001|PRIORITY: 11/02/2001|PUB BEGAN: 11/13/2001|PUB ENDED: 11/20/2001|NEWSPAPER: Uintah Basin Standard
ProtestEnd:12/10/2001|PROTESTED: [No]|HEARNG HLD: |SE ACTION: [Approved]|ActionDate:02/22/2002|PROOF DUE: 02/28/2007
EXTENSION: |ELEC/PROOF:[Proof]|ELEC/PROOF:02/21/2007|CERT/WUC: 06/16/2010|LAP, ETC: |LAPS LETTER:
RUSH LETTR:11/02/2001|RENOVATE: |RECON REQ: |TYPE: []
PD BOOK: [43-]|MAP: []|PUB DATE:
*TYPE -- DOCUMENT -- STATUS--

Type of Right: Application to Appropriate Source of Info: Certificate Status: Certificate

LOCATION OF WATER RIGHT*** (Points of Diversion: Click on Location to access PLAT Program.)*****MAP VIEWER***GOOGLE VIEW*

FLOW: 1.48 acre-feet SOURCE: Underground Water Well
COUNTY: Duchesne COMMON DESCRIPTION: Neola

POINT OF DIVERSION -- UNDERGROUND: (Click Well ID# link for more well data.)

(1) N 556 ft W 38 ft from SE cor, Sec 02, T 1S, R 2W, USBM
DIAMETER OF WELL: 6 ins. DEPTH: 40 to ft. YEAR DRILLED: 2002 WELL LOG? Yes WELL ID#: 24636

USES OF WATER RIGHT***** ELU -- Equivalent Livestock Unit (cow, horse, etc.) ***** EDU -- Equivalent Domestic Unit or 1 Family

SUPPLEMENTAL GROUP NO.: 214142.

IRRIGATION: 0.25 acres Div Limit: 0.0 acft. PERIOD OF USE: 04/01 TO 10/31
STOCKWATER: 10.0000 Stock Units Div Limit: PERIOD OF USE: 01/01 TO 12/31
DOMESTIC: 1.0000 EDUs Div Limit: PERIOD OF USE: 01/01 TO 12/31###PLACE OF USE: *-----NORTH WEST QUARTER-----*-----NORTH EAST QUARTER-----*-----SOUTH WEST QUARTER-----*-----SOUTH EAST
* NW | NE | SW | SE * NW | NE | SW | SE * NW | NE | SW | SE * NW | NE |
Sec 02 T 1S R 2W USBM * | | | | * | | | | * | | | | * | | | | GROUP*****
*****END OF DATA*****

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(WARNING: Water Rights makes NO claims as to the accuracy of this data.) RUN DATE: 04/06/2011

WATER RIGHT: **43-11274** APPLICATION/CLAIM NO.: **A74344** CERT. NO.: CERTIFICAT
CHANGES: **a36536** Certificate (Issued: 12/06/2010)

OWNERSHIP*****

NAME: Ben and Robin Mecham
ADDR: Rt. 1 Box 1358
Roosevelt UT 84066

DATES, ETC.*****

LAND OWNED BY APPLICANT? Yes COUNTY TAX ID#:
FILED: 08/28/2002|PRIORITY: 08/28/2002|PUB BEGAN: 09/17/2002|PUB ENDED: 09/24/2002|NEWSPAPER: Uintah Basin Standard
ProtestEnd:10/14/2002|PROTESTED: [No] |HEARNG HLD: |SE ACTION: [Approved]|ActionDate:12/04/2002|PROOF DUE: 12/31/2007
EXTENSION: |ELEC/PROOF:[Proof] |ELEC/PROOF:12/26/2007|CERT/WUC: 12/06/2010|LAP, ETC: |LAPS LETTER:
RUSH LETTR: |RENOVATE: |RECON REQ: |TYPE: []
PD BOOK: [43-]|MAP: []|PUB DATE:
TYPE -- DOCUMENT -- STATUS-----

Type of Right: Application to Appropriate Source of Info: Certificate Status: Certificate

LOCATION OF WATER RIGHT***(Points of Diversion: Click on Location to access PLAT Program.)*****[MAP VIEWER](#)***[GOOGLE VIEW](#)*

FLOW: 1.48 acre-feet SOURCE: Unnamed Spring
COUNTY: Duchesne COMMON DESCRIPTION: 2.5 miles west of Neola

POINT OF DIVERSION -- SURFACE:
(1) N 60 ft W 2028 ft from E4 cor, Sec 11, T 1S, R 2W, USBM
Diverting Works:

Source:

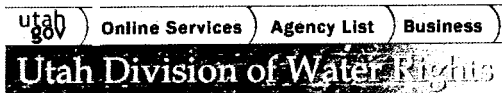
Stream Alt Required?: No

USES OF WATER RIGHT***** ELU -- Equivalent Livestock Unit (cow, horse, etc.) ***** EDU -- Equivalent Domestic Unit or 1 Family

SUPPLEMENTAL GROUP NO.: **214225.**

STOCKWATER: 48.0000 Stock Units Div Limit: PERIOD OF USE: 01/01 TO 12/31
OTHER: Uses associated with a pond. PERIOD OF USE: 01/01 TO 12/31
Acre Feet Contributed by this Right for this Use: 0.14

###PLACE OF USE: *-----NORTH WEST QUARTER-----*-----NORTH EAST QUARTER-----*-----SOUTH WEST QUARTER-----*-----SOUTH EAST
* NW | NE | SW | SE * NW | NE | SW | SE * NW | NE | SW | SE * NW | NE |
Sec 11 T 1S R 2W USBM * | | | | X | | | | * | | | | * | | | | GROUP



Select Related Information

(WARNING: Water Rights makes NO claims as to the accuracy of this data.) RUN DATE: 04/06/2011

WATER RIGHT: **43-11422** APPLICATION/CLAIM NO.: **A74874** CERT. NO.:

OWNERSHIP*****

NAME: Danny W. Murray

ADDR: Box 236

Neola UT 84053

INTEREST: 100% REMARKS:

DATES, ETC.*****

LAND OWNED BY APPLICANT? Yes COUNTY TAX ID#:
 FILED: 04/10/2003|PRIORITY: 12/16/2003|PUB BEGAN: 12/30/2003|PUB ENDED: 01/06/2004|NEWSPAPER: Uintah Basin Standard
 ProtestEnd:01/26/2004|PROTESTED: [No]|HEARNG HLD: |SE ACTION: [Approved]|ActionDate:04/02/2004|PROOF DUE: 04/30/2009
 EXTENSION: |ELEC/PROOF:[Proof]|ELEC/PROOF:08/06/2004|CERT/WUC: |LAP, ETC: |LAPS LETTER:
 RUSH LETTR: |RENOVATE: |RECON REQ: |TYPE: []
 PD BOOK: [43-]|MAP: []|PUB DATE:

*TYPE -- DOCUMENT -- STATUS-----
 Type of Right: Application to Appropriate Source of Info: Application to Appropriate Status: Approved

LOCATION OF WATER RIGHT***(Points of Diversion: Click on Location to access FLAT Program.)*****MAP VIEWER***GOOGLE VIEW*

FLOW: 1.48 acre-feet SOURCE: Spring Stream
 COUNTY: Duchesne COMMON DESCRIPTION: 2.5 miles southwest of Neola

POINT OF DIVERSION -- SURFACE:
 (1) N 559 ft W 638 ft from S4 cor, Sec 02, T 1S, R 2W, USBM
 Diverting Works: existing pond Source:

Stream Alt Required?: No

USES OF WATER RIGHT***** ELU -- Equivalent Livestock Unit (cow, horse, etc.) ***** EDU -- Equivalent Domestic Unit or 1 Family

SUPPLEMENTAL GROUP NO.: **214347.**

STOCKWATER: 35.0000 Stock Units Div Limit: PERIOD OF USE: 01/01 TO 12/31

PLACE OF USE for STOCKWATERING*****

	NORTH-WEST¼	NORTH-EAST¼	SOUTH-WEST¼	SOUTH-EAST¼
	NW NE SW SE	NW NE SW SE	NW NE SW SE	NW NE SW SE
Sec 02 T 1S R 2W USBM	* : : : *	* : : : *	* : : : X*	* : : : *

Storage from 01/01 to 12/31, inclusive, in Murray Pond (existing pond) with a maximum capacity of 1.400 acre-feet, located in:

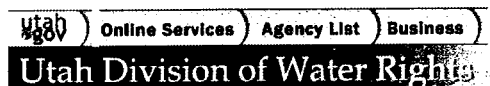
	NORTH-WEST¼	NORTH-EAST¼	SOUTH-WEST¼	SOUTH-EAST¼
	NW NE SW SE	NW NE SW SE	NW NE SW SE	NW NE SW SE
Height of Dam: 9				
Area Inundated: 0.20				
Sec 02 T 1S R 2W USBM	* : : : *	* : : : *	* : : : X*	* : : : *

Small Dam Required?: No

OTHER COMMENTS*****

This application is being readvertised since corrections were made on the quantity of water and number of ELU's.

*****END OF DATA*****



Select Related Information

(WARNING: Water Rights makes NO claims as to the accuracy of this data.) RUN DATE: 04/06/2011

WATER RIGHT: **43-2506** APPLICATION/CLAIM NO.: **A28029** CERT. NO.:

OWNERSHIP*****

NAME: Joseph R. Duncan
 ADDR: Route #2
 Roosevelt UT 84066

DATES, ETC.*****

LAND OWNED BY APPLICANT? COUNTY TAX ID#:
 FILED: 04/12/1956|PRIORITY: 04/12/1956|PUB BEGAN: 11/01/1956|PUB ENDED: |NEWSPAPER:
 ProtestEnd: |PROTESTED: [No] |HEARNG HLD: |SE ACTION: [Approved]|ActionDate:04/15/1957|PROOF DUE: 06/30/1962
 EXTENSION: |ELEC/PROOF:[Election]|ELEC/PROOF:06/04/1962|CERT/WUC: 09/28/1962|LAP, ETC: |LAPS LETTER:
 RUSH LETTR: |RENOVATE: |RECON REQ: |TYPE: []
 PD BOOK: {43- }|MAP: {133d }|PUB DATE:

*TYPE -- DOCUMENT -- STATUS--
 Type of Right: Application to Appropriate Source of Info: Water User's Claim Status: Water User's Claim

LOCATION OF WATER RIGHT*** (Points of Diversion: Click on Location to access PLAT Program.)*******MAP VIEWER***GOOGLE VIEW***

FLOW: 0.804 cfs SOURCE: Tributary to Dry Gulch
 COUNTY: Duchesne COMMON DESCRIPTION:

POINT OF DIVERSION -- SURFACE:
 (1) N 1300 ft E 470 ft from W4 cor, Sec 12, T 1S, R 2W, USBM
 Diverting Works:

Source: Tributary to Dry Gulch

Stream Alt Required?: No

USES OF WATER RIGHT***** ELU -- Equivalent Livestock Unit (cow, horse, etc.) ***** EDU -- Equivalent Domestic Unit or 1 Family

SUPPLEMENTAL GROUP NO.: **215812**. Water Rights Appurtenant to the following use(s):
 43-7(WUC), 2506(WUC)

IRRIGATION: Sole Supply: UNEVALUATED acres Group Total: 36.8 Div Limit: 0.0 acft. PERIOD OF USE: 04/15 TO 10/15
 This right is a supplemental supply with Application A28030 43-7

###PLACE OF USE:	NORTH WEST QUARTER				NORTH EAST QUARTER				SOUTH WEST QUARTER				SOUTH EAST QUARTER			
	* NW	NE	SW	SE	* NW	NE	SW	SE	* NW	NE	SW	SE	* NW	NE	SE	
Sec 12 T 1S R 2W USBM	*			36.8000	*				*				*			
															GROUP	

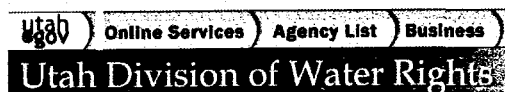
SUPPLEMENTAL GROUP NO.: **215813**.
 43-2506(WUC)

STOCKWATER: Sole Supply: UNEVALUATED ELUs Group Total: 87.0000 Div Limit: PERIOD OF USE: 01/01 TO 12/31
 Incidental livestock use.

Storage from 01/01 to 12/31, inclusive, in Unnamed Reservoir with a maximum capacity of 1.500 acre-feet, located in:
 Height of Dam: 1 NORTH-WEST% NORTH-EAST% SOUTH-WEST% SOUTH-EAST%
 Area Inundated: NW NE SW SE NW NE SW SE NW NE SW SE NW NE SW SE
 Sec 12 T 1S R 2W USBM * X: : X: * * : : : * * : : : * * : : : *

Small Dam Required?: No

 *****E N D O F D A T A*****



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Select Related Information

(WARNING: Water Rights makes NO claims as to the accuracy of this data.) RUN DATE: 04/06/2011

WATER RIGHT: **43-42** APPLICATION/CLAIM NO.: **A38600** CERT. NO.:

OWNERSHIP*****

NAME: Ronald Duncan Family Trust
 ADDR: Ronald Duncan and Mary Duncan, Trustees
 Route 1 Box 1180
 Roosevelt, UT 84066
 INTEREST: 100% REMARKS:

DATES, ETC.*****

LAND OWNED BY APPLICANT? COUNTY TAX ID#:
 FILED: 01/09/1968|PRIORITY: 01/09/1968|PUB BEGAN: |PUB ENDED: |NEWSPAPER:
 ProtestEnd: |PROTESTED: [No] |HEARNG HLD: |SE ACTION: [] |ActionDate:06/06/1968|PROOF DUE:
 EXTENSION: |ELEC/PROOF:[Election]|ELEC/PROOF:06/19/1970|CERT/WUC: 11/29/1971|LAP, ETC: |LAPS LETTER:
 RUSH LETTR: |RENOVATE: 09/05/2007|RECON REQ: |TYPE: []
 PD BOOK: [43-] |MAP: [133d] |PUB DATE:

*TYPE -- DOCUMENT -- STATUS--
 Type of Right: Application to Appropriate Source of Info: Water User's Claim Status: Water User's Claim

LOCATION OF WATER RIGHT*** (Points of Diversion: Click on Location to access PLAT Program.)*****[MAP VIEWER](#)***[GOOGLE VIEW](#)*

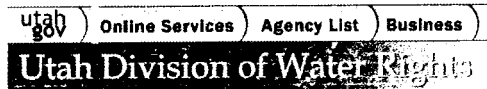
FLOW: 0.015 cfs SOURCE: Underground Water Well
 COUNTY: Duchesne COMMON DESCRIPTION:

POINT OF DIVERSION -- UNDERGROUND: (Click Well ID# link for more well data.)

(1) S 55 ft W 784 ft from NW cor, Sec 12, T 1S, R 2W, USBM

DIAMETER OF WELL: 8 ins. DEPTH: 300 to ft. YEAR DRILLED: WELL LOG? No WELL ID#: 430619

USES OF WATER RIGHT***** ELU -- Equivalent Livestock Unit (cow, horse, etc.) ***** EDU -- Equivalent Domestic Unit or 1 Family



Select Related Information

(WARNING: Water Rights makes NO claims as to the accuracy of this data.) RUN DATE: 04/06/2011

WATER RIGHT: 43-7894 APPLICATION/CLAIM NO.: A46700 CERT. NO.:

OWNERSHIP*****

NAME: Ben and Robin Mecham
ADDR: Rt. 1, Box 61
Roosevelt UT 84066
INTEREST: 100% REMARKS:

DATES, ETC.*****

LAND OWNED BY APPLICANT? Yes COUNTY TAX ID#:
FILED: 07/13/1976|PRIORITY: 07/13/1976|PUB BEGAN: 08/12/1976|PUB ENDED: |NEWSPAPER: Uintah Basin Standard
ProtestEnd: |PROTESTED: [No] |HEARNG HLD: |SE ACTION: [Approved]|ActionDate:11/30/1976|PROOF DUE: 06/30/1979
EXTENSION: |ELEC/PROOF:[Election]|ELEC/PROOF:05/04/1979|CERT/WUC: 11/05/1979|LAP, ETC: |LAPS LETTER:
RUSH LETTR: |RENOVATE: |RECON REQ: |TYPE: []
PD BOOK: [43-]|MAP: [133d] |PUB DATE:*TYPE -- DOCUMENT -- STATUS-----
Type of Right: Application to Appropriate Source of Info: Application to Appropriate Status: Water User's Claim

LOCATION OF WATER RIGHT***(Points of Diversion: Click on Location to access PLAT Program.)*****MAP VIEWER***GOOGLE VIEW*

FLOW: 0.015 cfs SOURCE: Unnamed Spring
COUNTY: Duchesne COMMON DESCRIPTION: 2.5 Mi. SW of NeolaPOINT OF DIVERSION -- SURFACE:
(1) N 150 ft E 1170 ft from S4 cor, Sec 02, T 1S, R 2W, USBM
Diverting Works: Collection box and pump.

Source: Unnamed Spring

Stream Alt Required?: No

USES OF WATER RIGHT***** ELU -- Equivalent Livestock Unit (cow, horse, etc.) ***** EDU -- Equivalent Domestic Unit or 1 Family

SUPPLEMENTAL GROUP NO.: 218527.

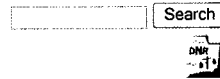
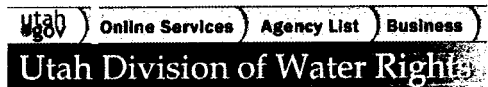
IRRIGATION: 0.25 acres	Div Limit: 0.0 acft.	PERIOD OF USE: 04/01 TO 10/31
STOCKWATER: 55.0000 Stock Units	Div Limit:	PERIOD OF USE: 01/01 TO 12/31
DOMESTIC: 1.0000 EDUs	Div Limit:	PERIOD OF USE: 01/01 TO 12/31
###PLACE OF USE:	*-----NORTH WEST QUARTER-----*-----NORTH EAST QUARTER-----*-----SOUTH WEST QUARTER-----*-----SOUTH EAST	
Sec 02 T 1S R 2W USBM	* NW NE SW SE * NW NE SW SE * NW NE SW SE * NW NE	0
		GROUP

PLACE OF USE for STOCKWATERING*****

NORTH-WEST¼	NORTH-EAST¼	SOUTH-WEST¼	SOUTH-EAST¼
NW NE SW SE	NW NE SW SE	NW NE SW SE	NW NE SW SE
* : : *	* : : *	* : : *	* : : X: *

Sec 02 T 1S R 2W USBM

*****E N D O F D A T A*****



Select Related Information

(WARNING: Water Rights makes NO claims as to the accuracy of this data.) RUN DATE: 04/06/2011

WATER RIGHT: 43-9940 APPLICATION/CLAIM NO.: A62036 CERT. NO.:

OWNERSHIP*****

NAME: Linmar Energy Corporation
ADDR: P.O. Box 1327
Roosevelt UT 84066
INTEREST: 100% REMARKS:

DATES, ETC.*****

LAND OWNED BY APPLICANT? No COUNTY TAX ID#:
FILED: 09/05/1986|PRIORITY: 09/05/1986|PUB BEGAN: 09/17/1986|PUB ENDED: |NEWSPAPER: Uintah Basin Standard
ProtestEnd:10/31/1986|PROTESTED: [No]|HEARNG HLD: |SE ACTION: {Approved}|ActionDate:12/05/1986|PROOF DUE: 06/30/1990
EXTENSION: |ELEC/PROOF:[Election]|ELEC/PROOF:02/25/1988|CERT/WUC: |LAP, ETC: |LAPS LETTER:
RUSH LETTR: |RENOVATE: |RECON REQ: |TYPE: []
PD BOOK: [43-]|MAP: []|PUB DATE:

*TYPE -- DOCUMENT -- STATUS--
Type of Right: Application to Appropriate Source of Info: Application to Appropriate Status: Approved

LOCATION OF WATER RIGHT***(Points of Diversion: Click on Location to access PLAT Program.)*****MAP VIEWER***GOOGLE VIEW*

FLOW: 0.015 cfs SOURCE: Unnamed Seep Area
COUNTY: Duchesne COMMON DESCRIPTION: 2 Miles SW of Neola

POINT OF DIVERSION -- SURFACE:
(1) N 1232 ft E 717 ft from SW cor, Sec 01, T 1S, R 2W, USBM
Diverting Works: Collection System

Source: Unnamed Seep Area

Stream Alt Required?: No

USES OF WATER RIGHT***** ELU -- Equivalent Livestock Unit (cow, horse, etc.) ***** EDU -- Equivalent Domestic Unit or 1 Family

SUPPLEMENTAL GROUP NO.: 220357.

OTHER: Boiler feed water for 10 Oil Well Facilities. PERIOD OF USE: 01/01 TO 12/31
Acre Feet Contributed by this Right for this Use: 10.8597

###PLACE OF USE: *-----NORTH WEST QUARTER-----*-----NORTH EAST QUARTER-----*-----SOUTH WEST QUARTER-----*-----SOUTH EAST
* NW | NE | SW | SE * NW | NE | SW | SE * NW | NE | SW | SE * NW | NE |
ALL T 1N R 1W USBM *
ALL T 1N R 2W USBM *
ALL T 1S R 2W USBM *

GROUP

OTHER COMMENTS*****

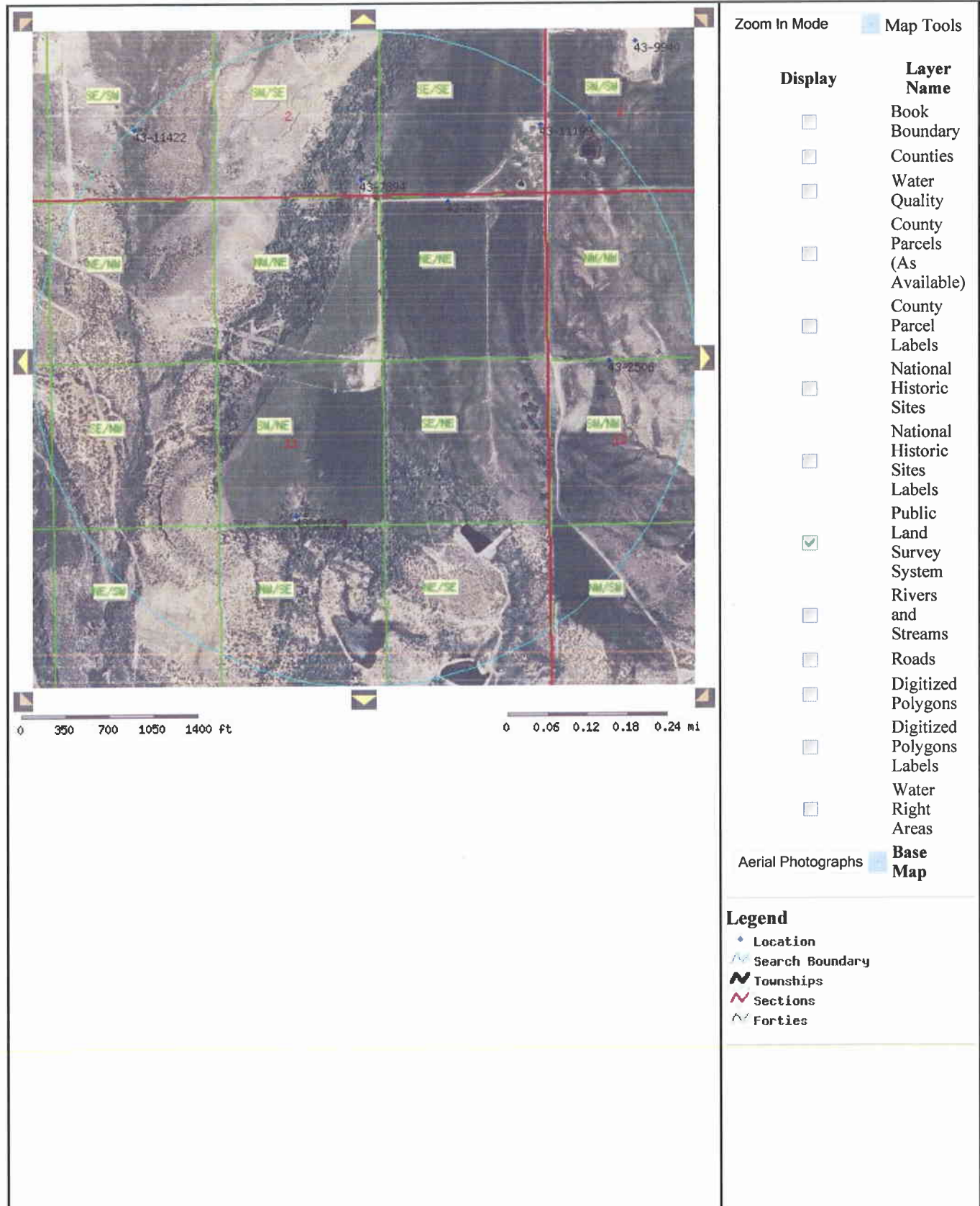
Land use under oil leases.

*****END OF DATA*****



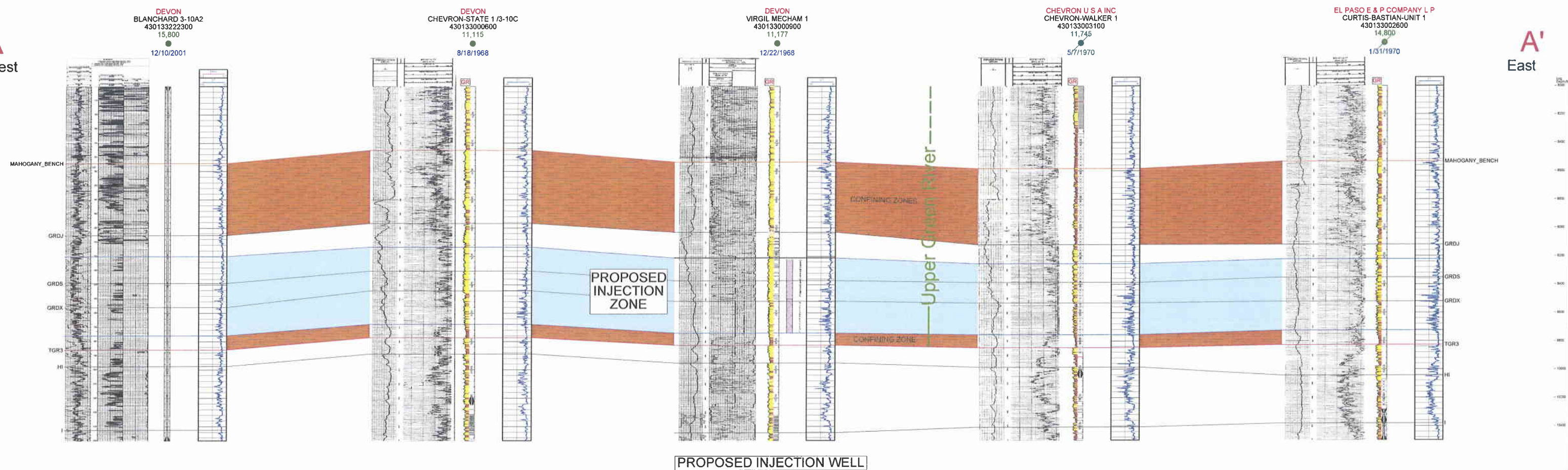
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Utah Division of Water Rights

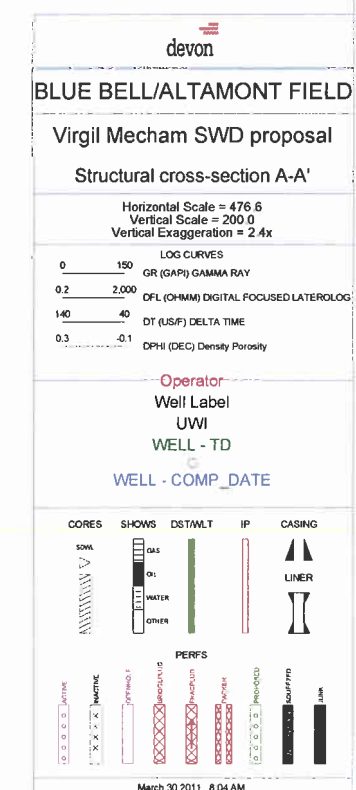


A
West

A
East



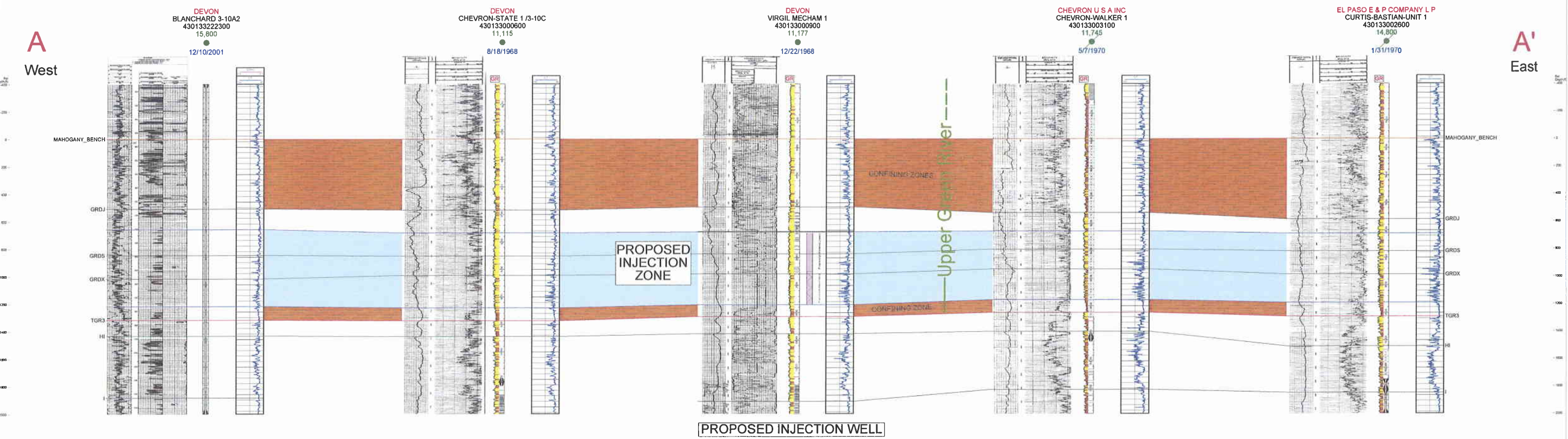
PROPOSED INJECTION WELL



3/30/2011

A
West

A'
East



devon

BLUE BELL/ALTAMONT FIELD

Virgil Mecham SWD proposal

Stratigraphic cross-section A-A'

Horizontal Scale = 432.1
Vertical Scale = 200.0
Vertical Exaggeration = 2.2x

LOG CURVES

0 150 GR (GAPI) GAMMA RAY
0.2 2,000 DFL (OHMM) DIGITAL FOCUSED LATEROLOG
140 40 DT (US/F) DELTA TIME
0.3 -0.1 DPH (DEC) Density Porosity

Operator
Well Label
UWI
WELL - TD
WELL - COMP_DATE

CORES SHOWS DST/MLT IP CASING

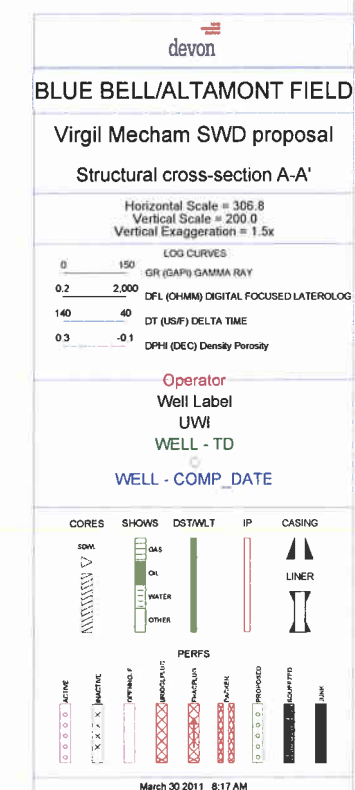
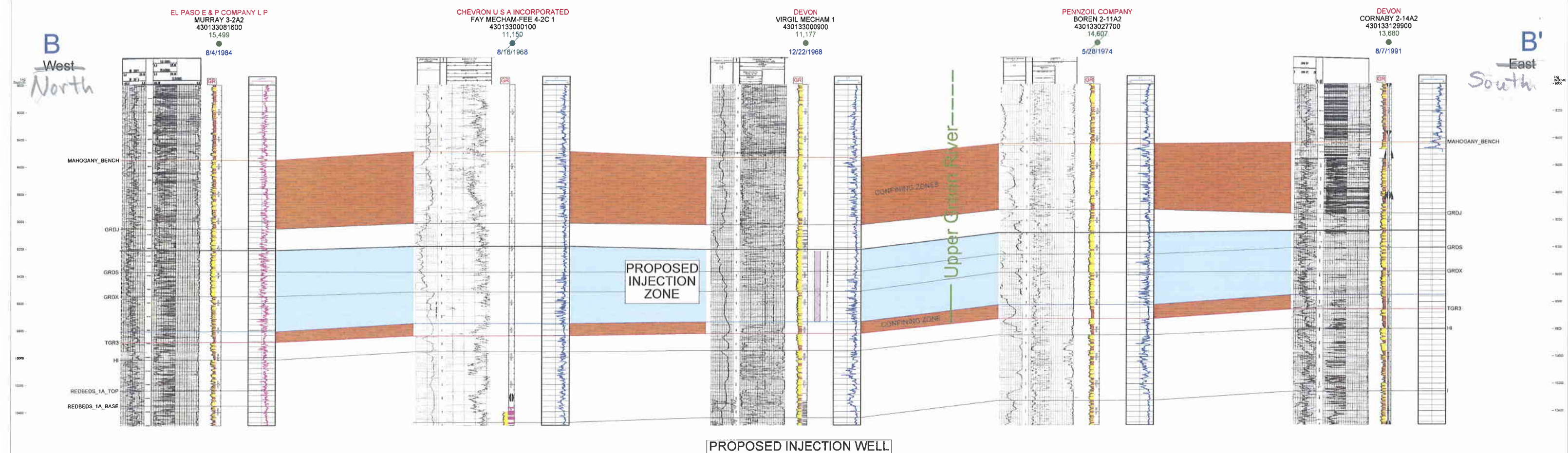
SOND Δ ANNUITY

PERFS

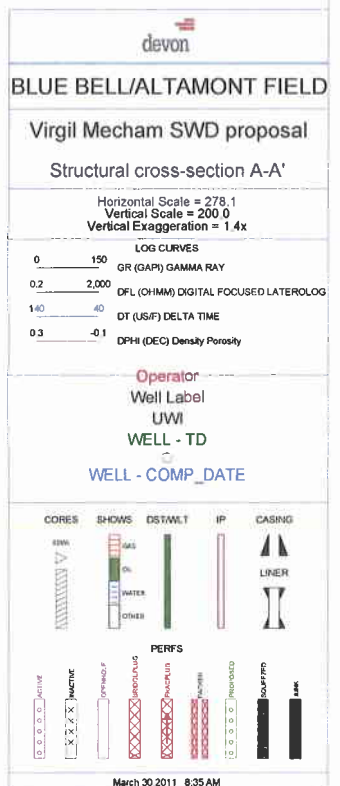
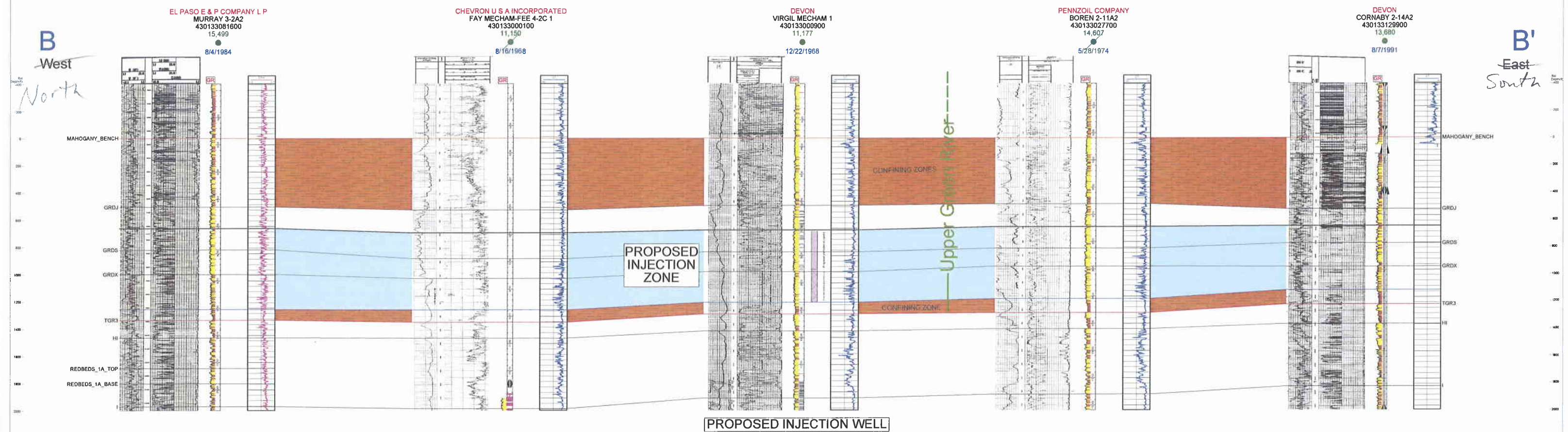
ACTIVE INACTIVE

March 30, 2011 8:10 AM

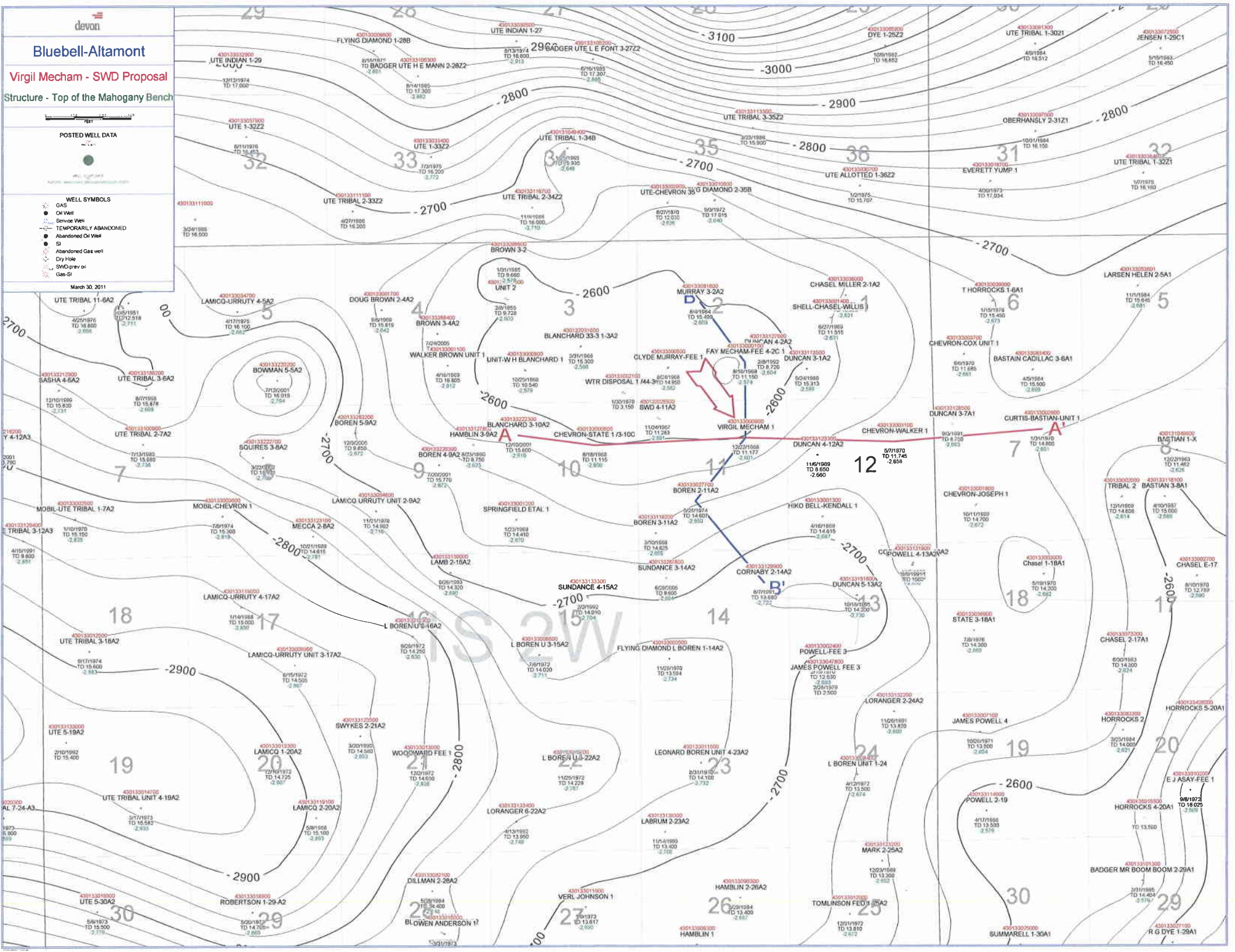
3/30/2011



3/30/2011



3/30/2011



March 29, 2011

Brad Hill
Permitting Manager
P O Box 145801
Salt Lake City, UT 84114-5801

RECEIVED

MAR 30 2011

DIV. OF OIL, GAS & MINING

RE: Devon Energy Application - Virgil Mecham 1-11A2 Well

Dear Mr. Hill:

As the landowners of the ground where the Virgil Mecham well is located, we protest Devon Energy's application for an Injection well for the following reasons:

1. In most cases, when a well ceases production, the oil companies are required to T & A the well and return the ground to the original state. It is our hope that since this well will no longer be in production, the approximate 2-3 acres where the well is located be restored as pasture ground so that we may have the opportunity to farm our ground contiguous with the rest of the field. If Devon's application for an Injection Well is approved, we request compensation in an amount that is fair and just and the going rate for injection well site locations.

2. To get to the well, vehicles must travel approximately ½ mile on a narrow one-lane dirt road. The road, which is also the access road to our home, is at best, in poor condition. At times, after snow and rain storms, it is very difficult for us and our family members to get to our home unless we are in 4-wheel drive vehicles. The increased traffic using the road should the well become an injection well concerns us not only for the deteriorating road conditions, but also for the safety of our family members, and our livestock that can sometimes be on the road.

In the past few years, there have been instances where large trucks with trailers have not been able to negotiate the corner in the road north of the well and they have tipped over and/or become stuck in the ditch, completely blocking the road and leaving us basically stranded. One such trailer spilled oil into our ditch that provides the irrigation water for our fields. After waiting for several weeks and several phone calls later, a crew was dispatched to "attempt" to clean up the oil that spilled, but there is still evidence of the oil in the ditch.

We have also had problems with pumpers and/or other oil field workers leaving the gates on the road open and then our cows get out. Since we both work it is often late in the evening by the time we get home only to find our cows scattered everywhere. Last summer we were out of town for a weekend and when we returned home the gates had been left opened and our cows were in the hay field and had damaged several bales of hay. We were left with not only

the problem of getting the cows back to the field where they were supposed to have been, but then constantly fighting the cows to keep them in the pasture and out of the hay field.

3. There are other injection wells within 1 or 2 miles of the Virgil Mecham well that are already being used. Since there are other wells in such close proximity why can't Devon use those wells?

Thank you for considering our concerns about Devon's application for the injection well.

Sincerely,

Ben & Robin Mecham

Ben and Robin Mecham

4246 West 8000 North

Roosevelt, UT 84066

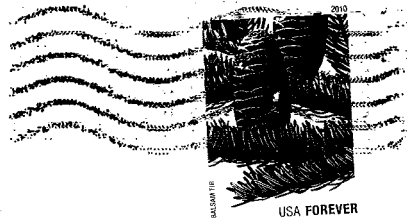
(435) 353-4571 (home)

(435) 823-1358 (Robin's cell)

Ben mecham
4246 W 8000 N
Roosevelt H. UT 84006

SALT LAKE CITY UT 84111

29 MAR 2011 PM 3 T



Brad Hill
Permitting Manager
P. O. Box 145801
Salt Lake City, UT
84114-5801



RECEIVED

NOV 17 2010

UIC FORM 1

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

DIV. OF OIL, GAS & MINING

APPLICATION FOR INJECTION WELL

Name of Operator Devon Energy Production Co., L.P.	Utah Account Number N 1275	Well Name and Number Virgil Mecham 1-11A2
Address of Operator 20 N. Broadway CITY Oklahoma City STATE OK ZIP 73102	Phone Number (405) 228-4248	API Number 4301330009
Location of Well Footage : 1320' FNL & 1445' FEL County : Duchesne		Field or Unit Name Bluebell
QQ, Section, Township, Range: SWNE 11 1S 2W State : UTAH		Lease Designation and Number fee

Is this application for expansion of an existing project? Yes ☐ No ☒

Will the proposed well be used for:

Enhanced Recovery?	Yes <input type="checkbox"/>	No <input type="checkbox"/>
Disposal?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Storage?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>

Is this application for a new well to be drilled? Yes ☐ No ☒

If this application is for an existing well, has a casing test been performed? Yes ☐ No ☒
Date of test: _____

Proposed injection interval: from 9,023 to 9,732

Proposed maximum injection: rate _____ bpd pressure _____ psig *To be determined by injection test, procedure step 13.*

Proposed injection zone contains oil ☐, gas ☐, and / or fresh water ☐ within 1/2 mile of the well. ☒ *Expect brackish water, to be confirmed by swab test, procedure step 10.*

List of attachments: Wellbore schematic, well history, conversion procedure, well location Plat, Logs, list of operators, and surface owners within 0.5 mile. Reference log is SLB's RST Advisor dated 4/16/08.

also CBL/CET dated 7/1/87, 7/3/87.

ATTACH ADDITIONAL INFORMATION AS REQUIRED BY CURRENT
UTAH OIL AND GAS CONSERVATION GENERAL RULES

I hereby certify that this report is true and complete to the best of my knowledge.

Name (Please Print) Patti Riechers

Title Sr. Staff Operations Technician

Signature *Patti Riechers*

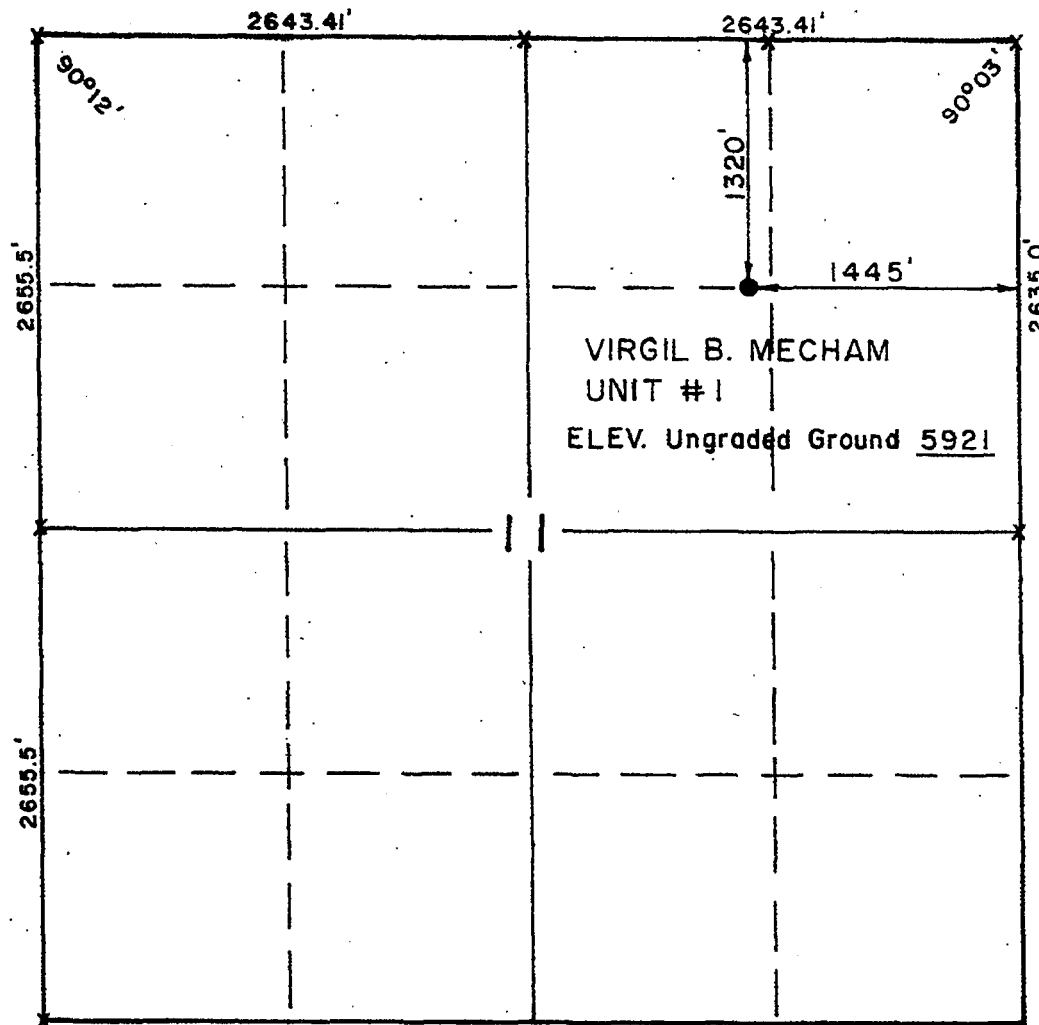
Date 11/16/2010

T1S, R2W, USB&M

PROJECT

CHEVRON OIL COMPANY

WELL LOCATION AS SHOWN IN THE
NE 1/4, SECTION II, T1S, R2W, USB&M.
DUCHESE COUNTY, UTAH.



BM is aluminum cap set at center of NE 1/4
ELEV. 5920.6



CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM
FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY
SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE
BEST OF MY KNOWLEDGE AND BELIEF.

John D. Hall
REGISTERED LAND SURVEYOR
REGISTRATION NO 2454
STATE OF UTAH

X= Corners Found or Re-established

Distances shown were measured

UINTAH ENGINEERING & LAND SURVEYING
P.O. BOX Q - 110 EAST - FIRST SOUTH
VERNAL, UTAH - 84078

SCALE 1" = 1000'	DATE 11 July, 1968
PARTY NJM-DH-RM	REFERENCES GLO Field Notes & Plat
WEATHER Cloudy & Warm	FILE CHEVRON

STATE OF OKLAHOMA

COUNTY OF OKLAHOMA

AFFIDAVIT OF MAILING

Patti Riechers, of lawful age, after having first duly sworn upon her oath, disposes and states:

That she is employed by Devon Energy Production Company, L. P. as Senior Staff Operations Technician.

That notification of the application to convert the existing Virgil Mecham 1-11A2 to a SWD Injection Well to inject salt water was made by mailing each Operator, Surface Owner and Owner located within one-half (1/2) mile radius of the Virgil Mecham 1-11A2 located SW NE, Section 11, T1S – R2W in Duchesne County, Utah, a copy of the application by postage prepaid, reference Location Plats and UIC FORM 1 were attached to this letter and sent to these parties, by duly depositing same in the United States mail on the 16th day of November, 2010. The Mineral Owner was sent the same on the 16th day of November, 2010.

Patti Riechers
Patti Riechers

Subscribed and sworn before me, the undersigned
Authority, this 16th day of November, 2010.

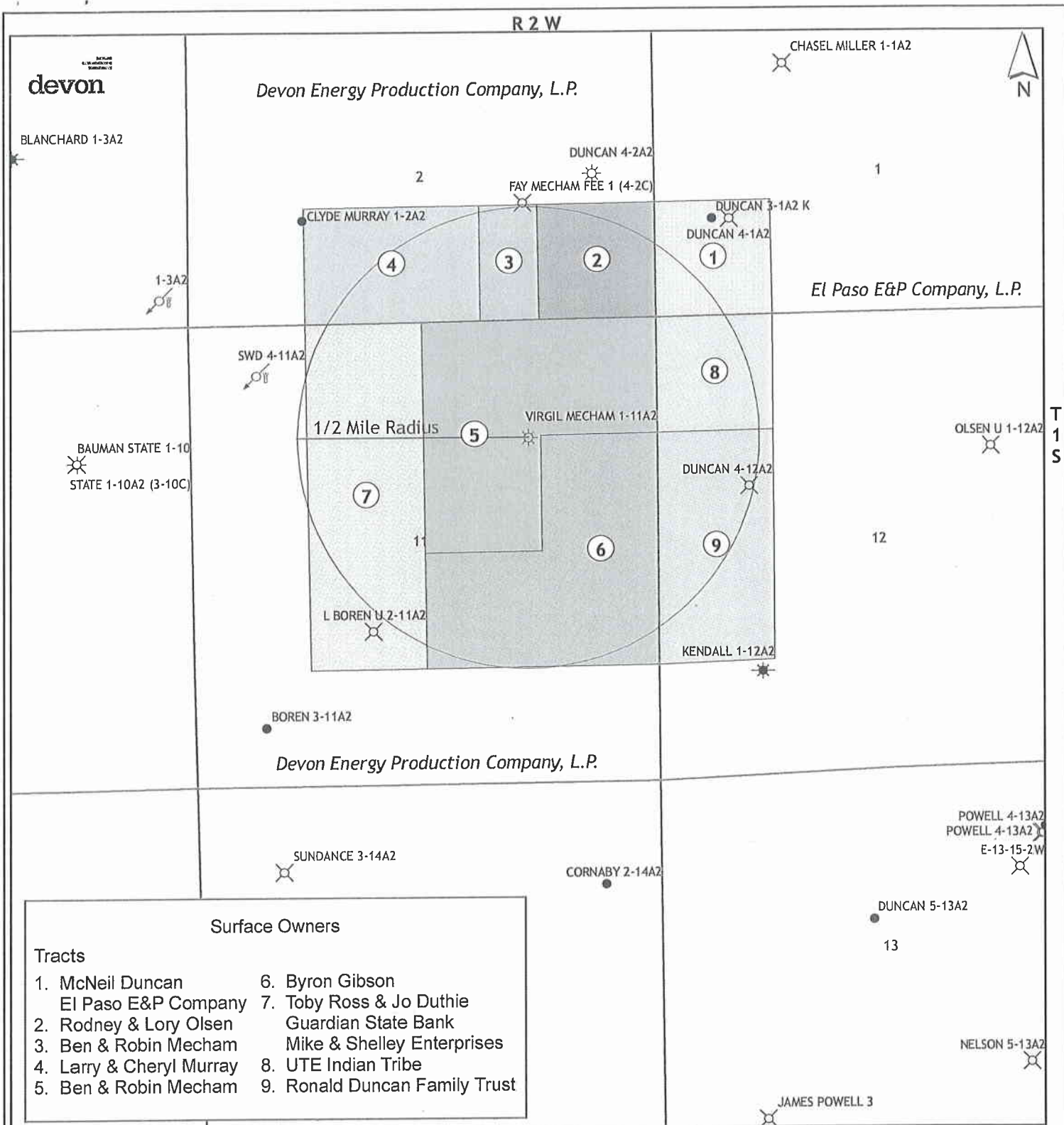
Janelle Miller
Notary Public

Notary Seal:



My Commission Expires

4-27-2014



Proposed Injection Well Site

Virgil Mecham 1-11A2

Section 11, T 1 S - R 2 W

Duchesne County, UTAH

- ⊗ Abandoned
- ☀ Producing Gas
- Producing Oil
- ⊙ Water Disposal Well
- ✱ Shut-in Oil Well

This map is for illustrative purposes only and is neither a legally recorded map nor a survey and is not intended to be used as one. Devon makes no warranty, representation, or guarantee of any kind regarding this map.

1:18,000

Prepared By: dobbsn
Date: December 15, 2009
File: dobbsn\UT\Intahl\Proposed_Inject_Well_Virgil_Mecham_1_11A2.mxd

Notice List
Application for Injection Well
Virgil Mecham 1-11A2
Sections 1, 11 & 12-T1S-R2W
Duchesne Co., Utah

Clair J. Duncan
Rt. 1, Box 2059
Roosevelt, UT 84066

Lila Nelson, aka Lila Larsen
4835 South 850 East
Ogden, UT 84402

Duane L. Phillips
25398 W. Marana Drive
Casa Grande, AZ 85222

Betty Smith
810 S. Radar Road, Box 25
Othello, WA 99344

Gary K. Reist
1120 Santa Rufina Court
Solana Beach, CA 92075

Kera K. Townsend
4250 El Camino Real, Apt. D-136
Palo Alto, CA 94306

Carlyn Mitas
15025 Orchard Knob Road
Dallas, OR 97338

McNeil Duncan, Sr.
RR 1, Box 1357
Roosevelt, UT 84066-9714

Ronald Duncan and Mary Duncan
Trustees of the Ronald Duncan Family Trust
RR 1, Box 1180
Roosevelt, UT 84066

Rodney D. Olsen and Lory N. Olsen
RR 1, Box 1183
Roosevelt, UT 84066-9714

Larry Clyde Murray & Cheryl Jan Murray
637 South 100 East, #13-1
Roosevelt, UT 84066-9724

May Phillips, Davin Bailey & Durrin Bailey
Heirs of Douglas M. Phillips
175 Trekel Road, Apt. B-12
Casa Grande, AZ 85222

La Rae Poe
Rt. 1, Box 32
Boardman, OR 97818

C. Joy Reist, aka Joy C. Reist
4250 El Camino Real, Apt. D-136
Palo Alto, CA 94306

Timothy E. Townsend
11807 100th Avenue NE, Apt. 201-B
Kirkland, WA 98034

Harry Carleson, aka Harry Carleson, Jr.
8285 Etienne Way
Sandy, UT 84092

Mark C. Miller
3113 Carrigan Canyon Drive
Salt Lake City, UT 84109

El Paso Exploration & Production Co., L.P.
PO Box 2511
Houston, TX 77252

Rod D. Olsen, Jr. & Kelly R. Olsen
RR 1, Box 2359
Roosevelt, UT 84066-9724

Ben Mecham and Robin Mecham
RR 1, Box 1358
Roosevelt, UT 84066-9724

Byron Gibson
PO Box 67
Roosevelt, UT 84066-0067

Toby Ross and Jo Duthie
3880 Fowler Road
West Sacramento, CA 95691-5491

Mike & Shelley Enterprises
1638 E. Gordon Avenue
Layton, UT 84040-2918

Guardian State Bank
c/o Dean E. Jackson
1620 Cobblestone Village
Sandy, UT 84092-4735

El Paso Exploration & Production Co., L.P.
1099 18th Street, Suite 1900
Denver, CO 80202

Ute Indian Tribe
PO Box 70
Fort Duchesne, UT 84026

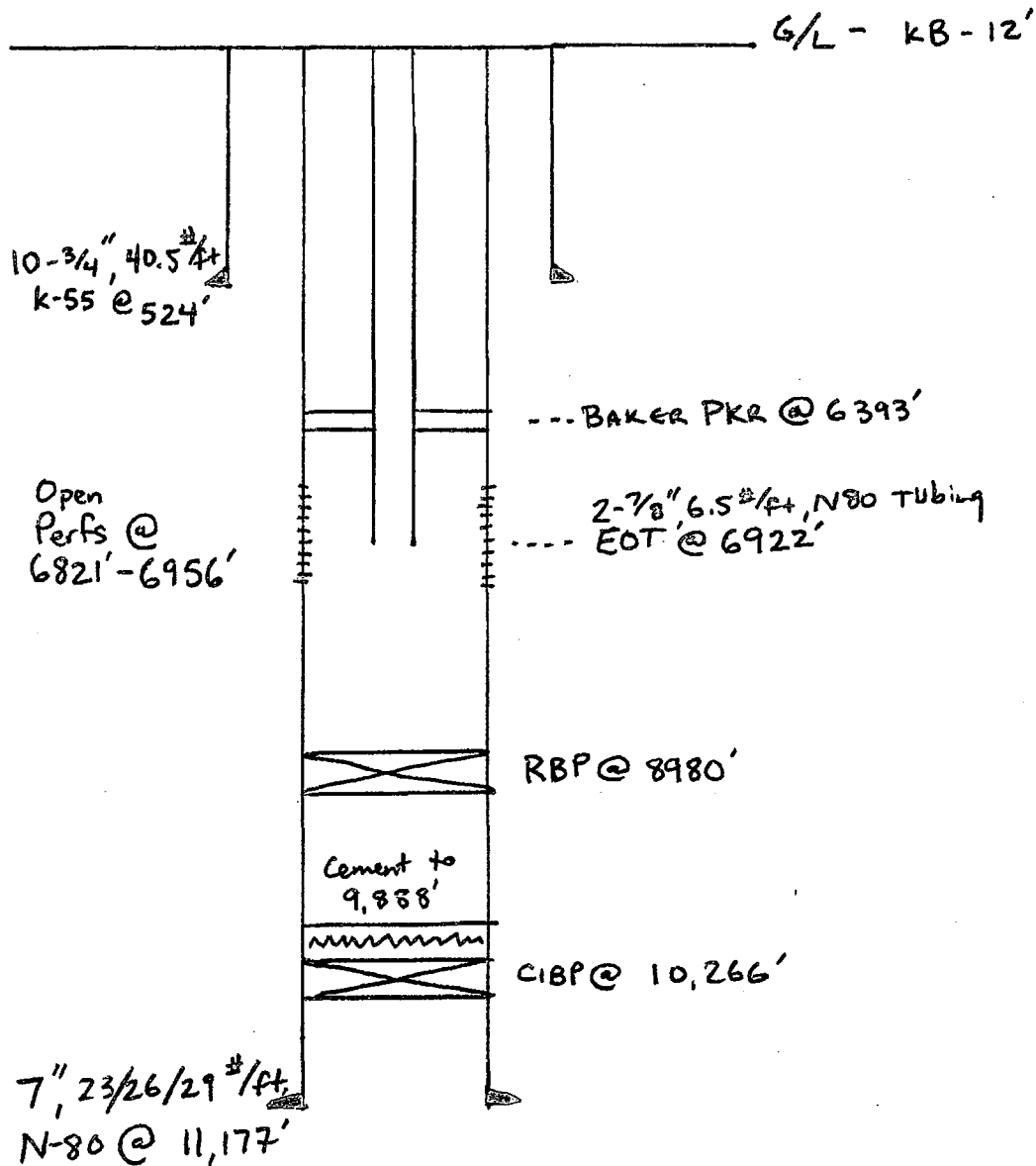
Ute Distribution Corporation
PO Box 696
Roosevelt, UT 84066

Bureau of Indian Affairs
Uintah and Ouray Agency
988 South 7500 East
Fort Duchesne, UT 84026

DEVON ENERGY
Virgil Mechem 1-11A2

JDA
3/23/10

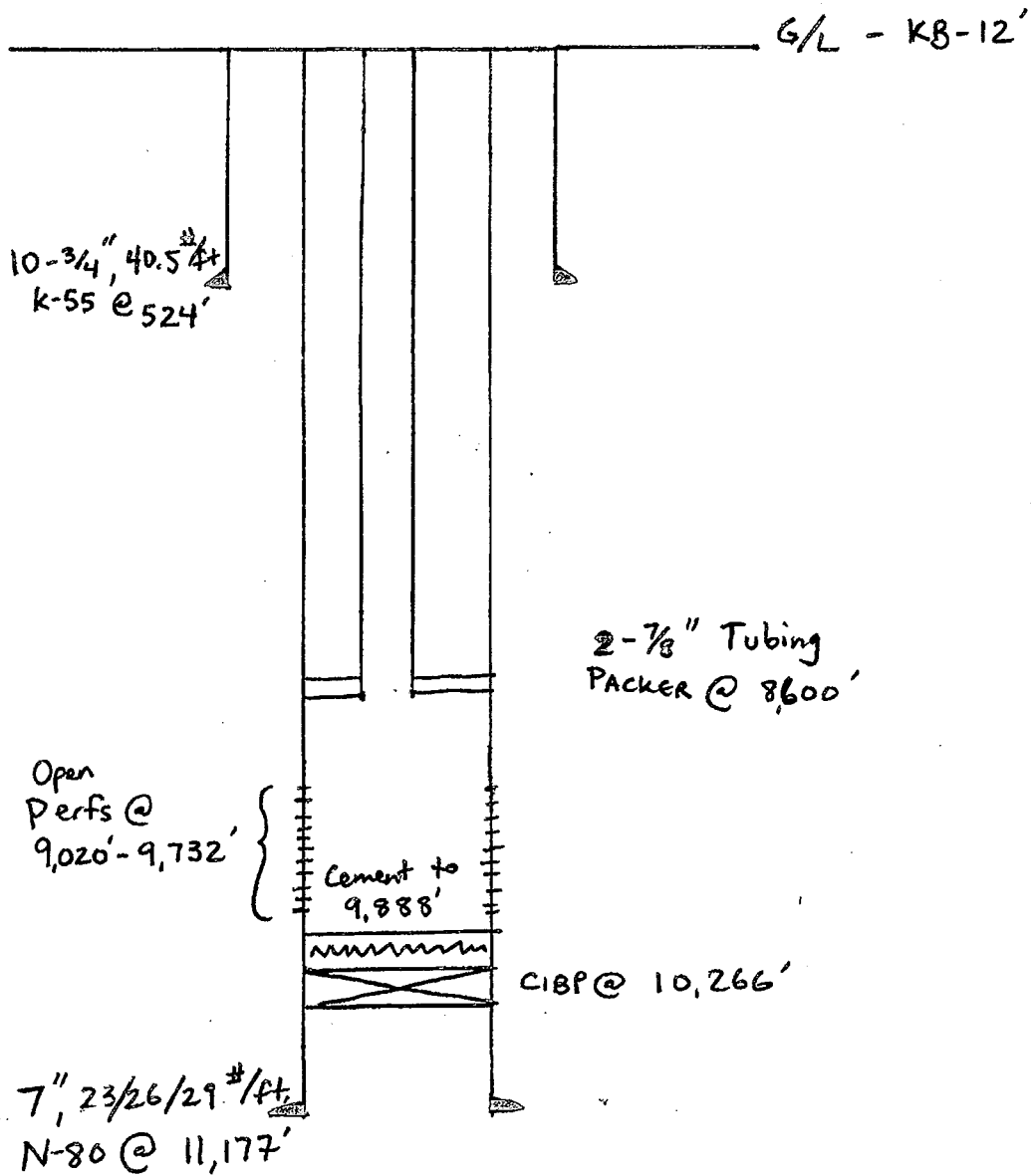
Existing Wellbore Schematic



DEVON ENERGY
Virgil Mechem I-11A2

JDA
3/23/10

Proposed Wellbore Schematic



**VIRGIL MECHAM 1-11A2
SECTION 11, T1S, R2W
DUCHESNE COUNTY, UTAH**

**Recompletion Procedure
Conversion to Produced Water Injection Well
AFE 153633
3-4-10 JDA**

WELL DATA

Completion date: 12-22-68
TD: 11,180'
Original PBTD: 11,095'
Current PBTD: 8,980' (RBP)

Well Status: Currently producing from UGR perforations at 120 MCFD.
Cum Production: 578 MBO, 1,800 MMCF

Casing: 10-3/4", 40.5#, K-55 @ 524'
7", 23/26/29#, N-80 @ 11,177'

Perforations: 6821 - 6956 Upper Green River
9396' - 9504'
9023' - 9342'

Other: CIBP at 10266' w/ cement on top to 9888'.
RBP at 8980'
Casing leak between 4606 and 4635'. Bled from 1500 psi, then held at 1100 psi
in 1995. Not squeezed

WELL HISTORY

11-20-68 through 12-23-68

- Perf 10,548-10,625' with 2 spf.
- Set retainer at 10,612' and squeezed 10,548-10,625' with 100 sxs.
- Perf 10,581-10,598' with 2 spf and acidized with 1500 g 15% HCL.
- Squeezed 10,581-10,598' with 200 sxs.
- Reperf 10,581-10,598' with 2 spf and acidized with 500 g 15% HCL.
- Squeezed 10,581-10,598' with 100 sxs.
- Reperf 10,581-10,598' with 2 spf, acidized with 650 g 15% HCL.
- Perf 10,458-10,476', 10,486-10,498' and 10,581-10,598' with 2 spf.
- Acidized 10,458-10,498' with 1000 g 15% HCL.

06-19-69 through 06-29-69

- Perf 10,406-10,416', 10,508-10,516' and 10,521-10,526' with 2 spf.
- Acidized 10,508-10,526' with 500 g 15% HCL.
- Acidized 10,406-10,416' with 500 g 15% HCL.

- Perf 10,330-10,354', 10,356-10,360', 10,364-10,374', 10,384-10,396' and 10,424-10,446' with 2 spf.
- Acidized 10,424-10,446' with 1000 g 15% HCL.
- Acidized 10,384-10,396' with 1000 g 15% HCL.
- Acidized 10,330-10,374' with 1000 g 15% HCL.
- Set RBP at 10,540' and CIBP at 10,537' (on top of RBP).

07-28-95 Perforated Upper Green River as follows:

Virgil Mecham 1-11A2 Conversion to Produced Water Injection Well

6821-6825
6828-6860
6876-6882
6910-6918
6930-6956

Total net ft - 76. Total holes - 304.

TIH with packer on tbg, set at 6682', pump into perforation at 6821-6956', communicates to squeeze holes at 6500-03 at 2 BPM 400 psi.

07-29-95 Set 7" Baker Max packer at 6438'.

08-07-95 First sales, test rate on 8-7-95, 340 MCFGPD, 8/64" choke, 1340 psi.

04-13-04 Swab well with swab rig, IFL 800', swabbed to seating nipple at 6418', recovered 30 bbls.

04-14-04 SITP 1000 psi, blew well down, made six swab runs, no fluid, IFL 6400', FFL 6400', tagged at 6950' with slickline.

09-20-04 Shut well in at to observe pressure buildup at surface:

Flowing tubing pressure 95 psi
19 hr SITP 1095 psi
24 hr SITP 1200
43 hr SITP 1600
48 hr SITP 1600

11-04-04 Pulled tubing and Baker Max packer. Ran a Baker Model R-3 packer with 17 jts tubing below packer. EOT at 6905, PSN at 6873, packer at 6383.

11-06-04 Treated with 25 bbls diesel overnight, swabbed back. Put back on production.

5-2-08 Rel pkr @ 6383'. Drill out retainer @ 7195', and CIBP @ 8200'. Set cmt retainer @ 10266', cmt 60 sxs. Top of cmt @ 9888'. Perforate 9396' - 9504', 4 int, 44', 88 holes & 9023' - 9342', 17 int, 128 holes. Swab tested water in new zone. Set RBP @ 8980' to isolate new perms. Set pkr @ 6392'. Return to prod in perms 6821' - 6956'.

PROCEDURE:

1. MIRU workover rig, pull test rig anchors prior to rigging up.
2. ND wellhead, NU BOP and test BOP to 3000 psi. POOH with 2-7/8" tubing and packer.
3. RIH with cement retainer and set at 6700'. Squeeze perforations from 6821-6956' with 100 sks of cement.
4. Isolate leaks in casing (4,605'-4,635') above retainer and squeeze.
5. Drill out cement to top of retainer at 6700' and test casing to 1000 psi.
6. Drill out retainer at 6700' and clean out to RBP at 8980'. Test squeezed perforations to 1,000 psi.
7. RU wireline and run bond log from 8900' to surface casing.
8. TIH and retrieve RBP at 8980'. POOH.
9. Perforate additional Upper Green River intervals from 9,554' – 9,732' overall in 11 intervals with 3-1/8" HSC guns as per perforation detail attached separately. Top of TGR3 interval is 9,826'. Correlate to SLB's RST Advisor dated 4-16-08. Monitor fluid level and pressure while perforating.
10. PU 7" treating packer and TIH and set packer 8980'. Swab test to obtain a water sample for the Utah State DOG&M.
11. Hold 500 psi on backside and acidize perforations with 5,000 gallons of 15% HCl acid with additives and 350 ball sealers for diversion. Treat at 8-10 BPM, limiting the surface tubing pressure to 8,000 psi. Swab back until pH is five or greater.
12. POOH with treating packer and RIH with 7" injection packer and set at 8,600'. Fill the annulus with packer fluid and test backside to 1000 psi.
13. Run injection step rate test at 1/4 to 5 BPM to determine the frac gradient.
14. After finalizing the permit process, set facilities and start injecting.

DEVON ENERGY PRODUCTION COMPANY

VIRGIL MECHAM 1-11A2

PROPOSED ADDITIONAL UPPER GREEN RIVER PERFORATIONS.

ALL PERFS in 7" Casing.

Top of Interval	Base of Interval		NET	SPF	Holes	
9554	9560		6	2	12	3-1/8" HSC
9563	9566		3	2	6	3-1/8" HSC
9572	9578		6	2	12	3-1/8" HSC
9581	9584		3	2	6	3-1/8" HSC
9593	9598		5	2	10	3-1/8" HSC
9606	9617		11	2	22	3-1/8" HSC
9630	9636		6	2	12	3-1/8" HSC
9650	9654		4	2	8	3-1/8" HSC
9684	9692		8	2	16	3-1/8" HSC
9712	9716		4	2	8	3-1/8" HSC
9725	9732		7	2	14	3-1/8" HSC

Net Feet of New Perfs:		63
Number of Total New Intervals :		11
Number of New Holes:		126

Depth Reference:

SLB RST Advisor dated 4-16-08

Analytical Laboratory Report for:
DEVON ENERGY UTAH



BJ Chemical Services
Account Representative:
Batty, Jc

Production Water Analysis

Listed below please find water analysis report from: Batch Treatment, 4-11A2 SWD TANK

API # 43-013-20256

Lab Test No: 2010400112
Specific Gravity: 1.008

Sample Date: 01/07/2010

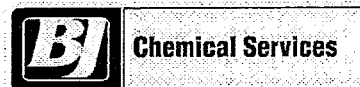
TDS: 11177
pH: 9.50

Cations:	mg/L	as:
Calcium	12.00	(Ca ⁺⁺)
Magnesium	0.00	(Mg ⁺⁺)
Sodium	3340	(Na ⁺)
Iron	1.83	(Fe ⁺⁺)
Potassium	51.9	(K ⁺)
Barium	0.16	(Ba ⁺⁺)
Strontium	1.08	(Sr ⁺⁺)
Manganese	0.10	(Mn ⁺⁺)
Anions:	mg/L	as:
Bicarbonate	2440	(HCO ₃ ⁻)
Sulfate	300	(SO ₄ ⁻)
Chloride	5030	(Cl ⁻)
Gases:		
Carbon Dioxide	0	(CO ₂)
Hydrogen Sulfide	2	(H ₂ S)

Lab Comments:

Lab measured pH
Lab measured alkalinity

DEVON ENERGY UTAH Lab Test No: 2010400112
DownHole SAT™ Scale Prediction
@ 170 deg. F



Mineral Scale	Saturation Index	Momentary Excess (lbs/1000 bbls)
Calcite (CaCO ₃)	17.73	14.32
Strontianite (SrCO ₃)	2.57	1.11
Anhydrite (CaSO ₄)	0.00	-1500.87
Gypsum (CaSO ₄ *2H ₂ O)	0.00	-1752.46
Barite (BaSO ₄)	0.30	-0.62
Celestite (SrSO ₄)	0.01	-215.42
Siderite (FeCO ₃)	80.06	0.02
Halite (NaCl)	0.00	-561619.38
Iron sulfide (FeS)	8.37	0.00

Interpretation of DHSat Results:

The Saturation Index is calculated for each mineral species independently and is a measure of the degree of supersaturation (driving force for precipitation) under the conditions modeled. This value ranges from 0 to infinity with 1.0 representing a condition of equilibrium where scale will neither dissolve nor precipitate. Values less than 1.0 are undersaturated and values greater than 1.0 are supersaturated. The Momentary excess is a measure of how much scale would have to precipitate to bring the system back to a non-scaling condition. This value ranges from negative (dissolving) to positive (precipitating) values. The Momentary Excess represents the amount of scale possible while the Saturation Level represents the probability that scale will form.

Analytical Laboratory Report for:
DEVON ENERGY UTAH



BJ Chemical Services
Account Representative:
Batty, Jc

Production Water Analysis

Listed below please find water analysis report from: Batch Treatment, CENTRAL BATTERY 1-3A2
SWD TANK

API # 43-013-30021

Lab Test No: 2010400125
Specific Gravity: 1.008

Sample Date: 01/07/2010

TDS: 11177
pH: 9.50

Cations:	mg/L	as:
Calcium	12.00	(Ca ⁺⁺)
Magnesium	0.00	(Mg ⁺⁺)
Sodium	3340	(Na ⁺)
Iron	1.83	(Fe ⁺⁺)
Potassium	51.9	(K ⁺)
Barium	0.16	(Ba ⁺⁺)
Strontium	1.08	(Sr ⁺⁺)
Manganese	0.10	(Mn ⁺⁺)
Anions:	mg/L	as:
Bicarbonate	2440	(HCO ₃ ⁻)
Sulfate	300	(SO ₄ ⁼)
Chloride	5030	(Cl ⁻)
Gases:		
Carbon Dioxide	0	(CO ₂)
Hydrogen Sulfide	2	(H ₂ S)

Lab Comments:

Lab measured pH
Lab measured alkalinity

DEVON ENERGY UTAH

Lab Test No: 2010400125

DownHole SAT™ Scale Prediction
@ 170 deg. F**Chemical Services**

Mineral Scale	Saturation Index	Momentary Excess (lbs/1000 bbls)
Calcite (CaCO ₃)	17.73	14.32
Strontianite (SrCO ₃)	2.57	1.11
Anhydrite (CaSO ₄)	0.00	-1500.87
Gypsum (CaSO ₄ *2H ₂ O)	0.00	-1752.46
Barite (BaSO ₄)	0.30	-0.62
Celestite (SrSO ₄)	0.01	-215.42
Siderite (FeCO ₃)	80.06	0.02
Halite (NaCl)	0.00	-561619.38
Iron sulfide (FeS)	8.37	0.00

Interpretation of DHSat Results:

The Saturation Index is calculated for each mineral species independently and is a measure of the degree of supersaturation (driving force for precipitation) under the conditions modeled. This value ranges from 0 to infinity with 1.0 representing a condition of equilibrium where scale will neither dissolve nor precipitate. Values less than 1.0 are undersaturated and values greater than 1.0 are supersaturated. The Momentary excess is a measure of how much scale would have to precipitate to bring the system back to a non-scaling condition. This value ranges from negative (dissolving) to positive (precipitating) values. The Momentary Excess represents the amount of scale possible while the Saturation Level represents the probability that scale will form.

cv.OilCum : 577.80 Mbbl

cv.GasCum : 1800.33 MMcf

cv.WaterCum : 92.67 Mbbl

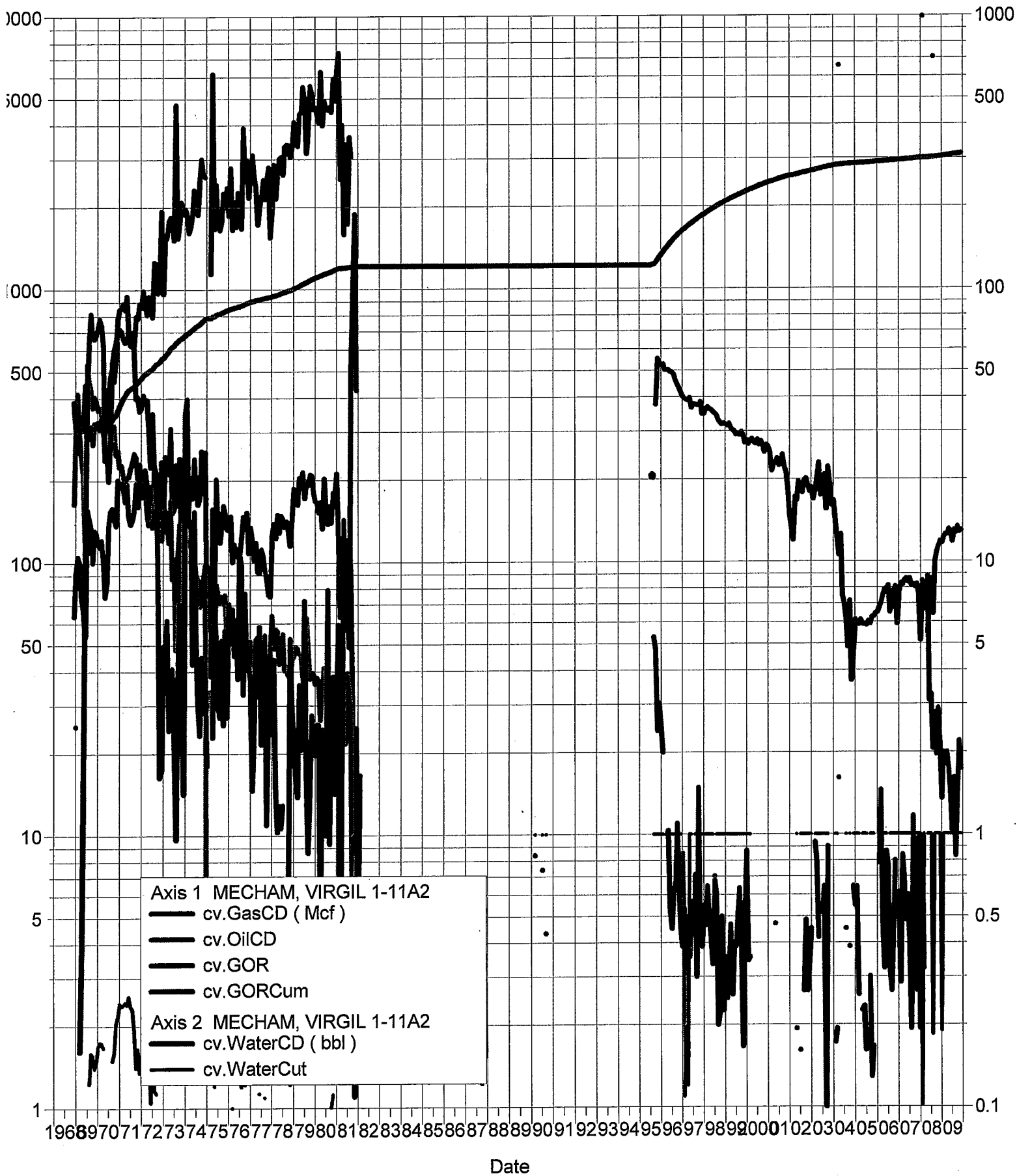
MECHAM, VIRGIL 1-11A2

Reservoir: GRRVU

Field: BLUEBELL

062830-001-S1

API#: 430133000900



4770 S. 5600 W.
P.O. BOX 704005
WEST VALLEY CITY, UTAH 84170
FED.TAX I.D.# 87-0217663

The Salt Lake Tribune

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WWW.MEDIACONELINE.COM

Deseret News
WWW.DESERETNEWS.COM

PROOF OF PUBLICATION

CUSTOMER'S COPY

CUSTOMER NAME AND ADDRESS	ACCOUNT NUMBER	DATE
DIV OF OIL-GAS & MINING, 1594 W NORTH TEMP #1210 P.O. BOX 145801 SALT LAKE CITY, UT 84114	9001402352	3/18/2011

ACCOUNT NAME	
DIV OF OIL-GAS & MINING,	
TELEPHONE	ADORDER# / INVOICE NUMBER
8015385340	0000672773 /
SCHEDULE	
Start 03/17/2011	End 03/17/2011
CUST. REF. NO.	
Notice of Agency Action	
CAPTION	
BEFORE THE DIVISION OF OIL, GAS AND MINING DEPARTMENT OF NATURAL RESOURC	
SIZE	
90 Lines	1.00 COLUMN
TIMES	RATE
4	
MISC. CHARGES	AD CHARGES
TOTAL COST	
156.20	

BEFORE THE DIVISION OF OIL,
GAS AND MINING
DEPARTMENT OF NATURAL RE-
SOURCE
STATE OF UTAH
NOTICE OF AGENCY ACTION
CAUSE NO. UIC-373.1

IN THE MATTER OF THE APPLI-
CATION OF DEVON ENERGY
PRODUCTION CO., L.P. FOR
ADMINISTRATIVE APPROVAL
OF THE VIRGIL MECHAM 1-
11A2 WELL, LOCATED IN
SECTION 11, TOWNSHIP 1S,
RANGE 2W, DUCHESNE
COUNTY, UTAH, AS A CLASS II
INJECTION WELL

THE STATE OF UTAH TO ALL
PERSONS INTERESTED IN THE
ABOVE ENTITLED MATTER.

Notice is hereby given that
the Division of Oil, Gas and
Mining (the "Division") is con-
ducting an informal adjudi-
cative proceeding to consider
the application of Devon En-
ergy Production Co., L.P., for
administrative approval of
the Virgil Mecham 1-11A2
well, located in NW/4 NE/4,
Section 11, Township 1S,
Range 2W, Uinta Baseline
and Meridian, Duchesne Coun-
ty, Utah, for conversion to a
Class II injection well. The
proceeding will be conducted
in accordance with Utah
Admin. Rule R649-10, Admini-
strative Procedures.

Selected zones in the upper
Green River Formation will
be used for water disposal
by injection. The maximum
requested injection pressure
and rate will be determined
based on fracture gradient
information submitted by
Devon Energy Production Co.,
L.P.

Any person desiring to object
to the proposed application
or otherwise intervene in the
proceeding must file a writ-
ten protest or notice of inter-
vention with the Division with-
in fifteen days following
publication of this notice.
The Division's Presiding Offi-
cer for the proceeding is
Brad Hill, Permitting Manag-
er, at P.O. Box 145801, Salt
Lake City, Utah 84114-
5801, phone number (801)
538-5340. If such a protest
or notice of intervention is
received, a hearing will be
scheduled in accordance with
the aforementioned adminis-
trative procedure rule.
Protestants and/or
interveners should be pre-
pared to demonstrate at the
hearing how this matter af-
fects their interests.

Dated this 10th day of
March, 2011

STATE OF UTAH
DIVISION OF
OIL, GAS & MINING
/s/
Brad Hill
Permitting Manager
672773 UPAKLP

AFFIDAVIT OF PUBLICATION

AS NEWSPAPER AGENCY COMPANY, LLC dba MEDIAONE OF UTAH LEGAL BOOKER, I CERTIFY THAT THE ATTACHED ADVI
OF **BEFORE THE DIVISION OF OIL, GAS AND MINING DEPARTMENT OF NATURAL RESOURCES STATE OF UTAH NOTI**
ACTION CAUSE NO. UIC-373.1 IN THE MATTER OF THE APPLI FOR **DIV OF OIL-GAS & MINING**, WAS PUBLISHED BY T
AGENCY COMPANY, LLC dba MEDIAONE OF UTAH, AGENT FOR THE SALT LAKE TRIBUNE AND DESERET NEWS, DAILY NEW
THE ENGLISH LANGUAGE WITH GENERAL CIRCULATION IN UTAH, AND PUBLISHED IN SALT LAKE CITY, SALT LAKE COUN
UTAH. NOTICE IS ALSO POSTED ON UTAHLEGALS.COM ON THE SAME DAY AS THE FIRST NEWSPAPER PUBLICATION DATE AND REMAINS ON
UTAHLEGALS.COM INDEFINITELY.

Start 03/17/2011

End 03/17/2011

PUBLISHED ON

SIGNATURE

Sally Taylor

3/18/2011

VIRGINIA CRIST
Notary Public, State of Utah
Commission # 531469
My Commission Expires
January 12, 2014

Virginia Crist

THIS IS NOT A STATEMENT BUT A "PROOF OF PUBLICATION"
PLEASE PAY FROM BILLING STATEMENT

Order Confirmation for Ad #0000672773-01

Client	DIV OF OIL-GAS & MINING	Payor Customer	DIV OF OIL-GAS & MINING
Client Phone	801-538-5340	Payor Phone	801-538-5340
Account#	9001402352	Payor Account	9001402352
Address	1594 W NORTH TEMP #1210,P.O. BOX 145801 SALT LAKE CITY, UT 84114 USA	Payor Address	1594 W NORTH TEMP #1210,P.O. BO SALT LAKE CITY, UT 84114
Fax	801-359-3940	Ordered By	Acct. Exec
EMail	dianeholland@utah.gov	Jean Sweet	jmcintosh

Total Amount	\$156.20	Status	
Payment Amt	\$0.00	Materials	
Amount Due	\$156.20	Tear Sheets	0
		Proofs	0
		Affidavits	1
		Blind Box	

Payment Method **PO Number** Notice of Agency Actio

Confirmation Notes:
Text:

Ad Number	Ad Type	Color
0000672773-01	Legal Liner	<NONE>
Pick Up Number	Ad Size	Production Method
	1.0 X 90 Li	AdBooker

Production Color **Production Notes**

Placement **Position**
Legal Liner Notice - 0998 998-Other Legal Notices

Ad Content Proof Actual Size

BEFORE THE DIVISION OF OIL,
GAS AND MINING
DEPARTMENT OF NATURAL RE-
SOURCE
STATE OF UTAH
NOTICE OF AGENCY ACTION
CAUSE NO. UIC-373.1

IN THE MATTER OF THE APPLI-
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fects their interests.

Dated this 10th day of
March, 2011

STATE OF UTAH
DIVISION OF
OIL, GAS & MINING
/s/
Brad Hill
Permitting Manager
672773 UPAXLP

	RunDateFirst	RunDateLast
Salt Lake Tribune	3/17/11	3/17/11
Deseret News	3/17/11	3/17/11
sltrib.com	3/17/11	3/17/11
utahlegals.com	3/17/11	3/17/11

AFFIDAVIT OF PUBLICATION

County of Duchesne,
STATE OF UTAH

I, Geoff Liesik on oath, say that I am the EDITOR of the Uintah Basin Standard, a weekly newspaper of general circulation, published at Roosevelt, State and County aforesaid, and that a certain notice, a true copy of which is hereto attached, was published in the full issue such newspaper for 1 consecutive issues, and that the first publication was on the 22 day of March, 20 11, and that the last publication of such notice was in the issue of such newspaper dated the 22 day of March, 20 11, and that said notice was published on Utahlegals.com on the same day as the first newspaper publication and the notice remained on Utahlegals.com until the end of the scheduled run.

Geoff Liesik
Editor

Subscribed and sworn to before me this

23 day of March, 20 11

Bonnie Parrish
Notary Public



NOTICE OF AGENCY ACTION CAUSE NO. UIC-373.1

BEFORE THE DIVISION OF OIL, GAS AND MINING, DEPARTMENT OF NATURAL RESOURCES, STATE OF UTAH.

IN THE MATTER OF THE APPLICATION OF DEVON ENERGY PRODUCTION CO., L. P., FOR ADMINISTRATIVE APPROVAL OF THE VIRGIL MECHAM 1-11A2 WELL, LOCATED IN SECTION 11, TOWNSHIP 1S, RANGE 2W, DUCHESNE COUNTY, UTAH, AS A CLASS II INJECTION WELL.

THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED MATTER.

Notice is hereby given that the Division of Oil, Gas and Mining (the "Division") is commencing an informal adjudicative proceeding to consider the application of Devon Energy Production Co., L. P., for administrative approval of the Virgil Mecham 1-11A2 well, located in NW/4 NE/4, Section 11, Township 1S, Range 2W, Uinta Baseline and Meridian, Duchesne County, Utah, for conversion to a Class II injection well. The proceeding will be conducted in accordance with Utah Admin. Rule R649-10, Administrative Procedures.

Selected zones in the upper Green River Formation will be used for water disposal by injection. The maximum requested injection pressure and rate will be determined based on fracture gradient information submitted by Devon Energy Production Co., L. P.

Any person desiring to object to the proposed application or otherwise intervene in the proceeding must file a written protest or notice of intervention with the Division within fifteen days following publication of this notice. The Division's Presiding Officer for the proceeding is Brad Hill, Permitting Manager, at P.O. Box 145801, Salt Lake City, Utah 84114-5801, phone number (801) 538-5340. If such a protest or notice of intervention is received, a hearing will be scheduled in accordance with the aforementioned administrative procedure rule. Protestants and/or interveners should be prepared to demonstrate at the hearing how this matter affects their interests.

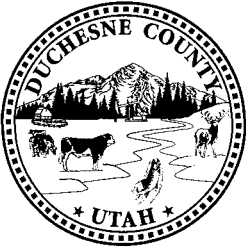
Dated this 10th day of March, 2011

STATE OF UTAH
DIVISION OF OIL,
GAS & MINING

/s/

Brad Hill

Permitting Manager
Published in the Uintah
Basin Standard March 22,
2011.



*Duchesne County Planning, Zoning
& Community Development
734 North Center Street
P.O. Box 317
Duchesne, Utah 84021
(435) 738-1152
Fax (435) 738-5522*

RECEIVED

MAR 17 2011

DIV. OF OIL, GAS & MINING

March 16, 2011

Mr. Brad Hill, Permitting Manager
Division of Oil, Gas and Mining
PO Box 145801
Salt Lake City, UT 84114-5801

RE: Devon Energy Production Company Injection Well (Cause No. UIC-373-1)

Dear Mr. Hill:

We are in receipt of your notice regarding Devon Energy Production Company's request to convert a well located southwest of Neola, Utah in Section 11, Township 1 South, Range 2 West, Duchesne County, to a Class II injection well.

Duchesne County is supportive of this request and recommends approval under conditions that your agency deems appropriate. We trust that conditions will be imposed to protect groundwater quality in the area.

Thank you for the opportunity to comment.

Sincerely,

Mike Hyde, AICP
Community Development Administrator

pc: Devon Energy Production Co., 20 N. Broadway, Oklahoma City, OK 73102

RECEIVED

MAR 30 2011

DIV. OF OIL, GAS & MINING

Virgil Mecham 1-11A2
Section 11, T1S, R2W
Duchesne County, Utah
Application for Injection Well

2.2 Copies of electrical or radioactive logs, including gamma ray logs, for the proposed well run prior to the installation of casing and indicating resistivity, spontaneous, potential, caliper, and porosity. These logs were submitted with the completion report at the time that the well was initially drilled and completed.

2.3 A copy of a cement bond or comparable log run for the proposed injection well after casing was set and cemented.

CBL, (Schlumberger) 6500 - 11063', dated 11/20/68 was previously submitted to Utah Department of Natural Resources, Division of Oil, Gas, and Mining

2.4 Copies of log already submitted or on file are: "SLB's RST Advisor", dated 4/16/08.

2.5 Description of casing:

10-3/4", 40.5#, K-55 @ 524'
7", 23/26/29#, N-80 @ 11,177'

Proposed method for testing the casing before use of the well: 7" production casing will be pressure tested to 1000 psi.

2.6 Type of fluid to be used for injection: It will be produced water from wells in the Bluebell field. Estimated amounts of water to be injected will be 2000 BWPD or injection capacity.

RECEIVED

MAR 30 2011

DIV. OF OIL, GAS & MINING

Virgil Meeham 1-11A2
Section 11, T1S, R2W
Duchesne County, Utah
Application for Injection Well

- 2.7 Standard laboratory analyses – the fluid to be injected, the fluid in the formation, and the compatibility of the fluids: The compatibility of the samples of brine with the formation water in the well will be tested on completion. Samples of the formation water and a compatibility test will be supplied during conversion procedure. Copies of the Water analysis of production water to be injected were submitted previously with the application form.
- 2.8 The proposed average and maximum injection pressures are: Pressure to be determined by injection test.
- 2.9 Evidence and data to support a finding that the proposed injection well will not initiate fractures through the overlying strata or a confining interval that could enable the injected fluid or formation fluid to enter the fresh water strata. A step rate injection test will be performed to determine frac pressure. Subsequent injection pressures will not exceed the determined frac pressure.

RECEIVED

MAR 31 2011

DIV. OF OIL, GAS & MINING

Virgil Mecham 1
SWD Conversion

2.10

Devon Energy Production Company, LP proposes to convert the Virgil Mecham 1, W2 NE T1S, R2W, section 11, Duchesne County, Utah to a water disposal well. This well was originally completed in 1968 in the Lower Green River as an oil well. In 1995 it was perforated in the Upper Green River from 6821 to 6956 and re-completed as a gas well. In 2008 the Upper Green River interval 9023 to 9504 was perforated and swabbed tested water.

It is proposed to squeeze the perforations above 9190 and use the open interval 9224 to 9504 for injection. If additional rate is required, the interval below 9504 to 9750 is part of the same relatively porous zone and above the basal aquitard which is a regional lacustrine shale above the TGR3 marker (see cross-sections).

In a vertical sense, there is no nearby underground source of drinking water. Information from the Utah Division of Water Rights indicates that most of the water usage in this area is either from surface sources or shallow water wells, most less than 200 feet deep. This water source is likely Quaternary alluvium which is underlain by the Duchesne River Formation. The proposed injection zone is 8700 vertical feet below the surface casing which at the time the well was drilled was considered the base of potable water. Recent wells in the area have set surface casing deeper at around 3500 feet from the surface which still leaves over 5700 feet of vertical separation. Additionally, the Vigil Mecham produced over a billion cubic feet of gas from the interval 6,500'-7,180' which clearly demonstrates the vertical seals both above and below the interval. The upper aquitard is a series of lacustrine shales that separate the proposed injection zone from the Upper Green River gas zones by over 2000 vertical feet with the Mahogany Bench being a regional marker within the zone, while the lower aquitard is a regional shale that separates the Upper and Lower Green River formations.

Although a structure map on the Mahogany Bench marker in the Upper Green River shows a closed high in the vicinity of the Virgil Mecham, it should play little part in the 'conveyance or storage' of injected water. The injection interval interval has tested water wet and fluid movement within the interval should be primarily pressure dependent.

This same interval is being used successfully, in whole or part, by the following wells to dispose of formation water:

Devon Energy Production Company, LP, SWD 4-11A2, NE NW T1S, R2W, section 11.

El Paso E&P Company, LP, Lawson 1-21A1 SWD, SW NE SW T1S, R1W,
section 21.

Water Disposal Inc, Harmston 1-32A1, NW NE SW T1S, R1W, section 32.

Devon Energy Production Company, LP, Ballard 2-15B1, N2 SE NE T2S, R1W,
section 15.

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MAR 30 2011

DIV. OF OIL, GAS & MINING

RECEIVED

MAR 30 2011

DIV. OF OIL, GAS & MINING

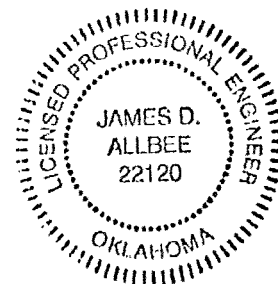
2.11

Review of Mechanical Condition of each well within a one-half mile radius of Virgil
Mecham 1-11A2

1. Duncan 4-12 A2
Section 12
Status: P&A 9/26/2004

Surface Csg: 9-5/8" casing set @ 3448', cemented with 1605 sacks of cement.
Production Csg: 5-1/2" casing set @ 8660', cemented with 1360 sacks of cement.
Estimated TOC is 2904' (TOC - CBL is 2900').

Plugs: CIBP @ 6546' (spot 25 sks of cement on top of CIBP), cement plug @
3294', @ 2676', and 100' to surface.
Pulled 2838' of 5-1/2" casing.



RECEIVED

MAR 30 2011

DIV. OF OIL, GAS & MINING

2.12

STATE OF OKLAHOMA

COUNTY OF OKLAHOMA

AFFIDAVIT OF MAILING

Patti Riechers, of lawful age, after having first duly sworn upon her oath, disposes and states:

That she is employed by Devon Energy Production Company, L. P. as Senior Staff Operations Technician.

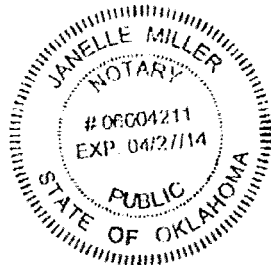
That notification of the application to convert the existing Virgil Mecham 1-11A2 to a SWD Injection Well to inject salt water was made by mailing each Operator, Surface Owner and Owner located within one-half (1/2) mile radius of the Virgil Mecham 1-11A2 located SW NE, Section 11, T1S - R2W in Duchesne County, Utah, a copy of the application by postage prepaid, reference Location Plats and UIC FORM 1 were attached to this letter and sent to these parties, by duly depositing same in the United States mail on the 16th day of November, 2010. The Mineral Owner was sent the same on the 16th day of November, 2010.

Patti Riechers
Patti Riechers

Subscribed and sworn before me, the undersigned
Authority, this 16th day of November, 2010.

Janelle Miller
Notary Public

Notary Seal:



My Commission Expires

4-27-2014

BEFORE THE DIVISION OF OIL, GAS AND MINING
DEPARTMENT OF NATURAL RESOURCES
STATE OF UTAH
NOTICE OF AGENCY ACTION
CAUSE NO. UIC-373.1

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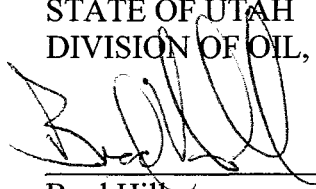
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Dated this 10th day of March, 2011

STATE OF UTAH
DIVISION OF OIL, GAS & MINING



Brad Hill
Permitting Manager

Devon Energy Production Co., L. P.

**Virgil Mecham 1-11A2
Cause No. UIC-373.1**

Publication Notices were sent to the following:

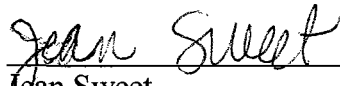
Patti Riechers, Senior Staff Operations Technician
Devon Energy Production Co., L. P.
20 N. Broadway
Oklahoma City, OK 73102

Uintah Basin Standard
268 S 200 E
Roosevelt, UT 84066
via e-mail legals@ubstandard.com

Salt Lake Tribune
PO Box 45838
Salt Lake City, UT 84145
via e-mail naclegal@mediaoneutah.com

Duchesne County Planning
P.O. Box 317
Duchesne UT 84021-0317

Bruce Suchomel
US EPA Region VIII
MS 8-P-W-GW
1595 Wynkoop Street
Denver, CO 80202-1129



Jean Sweet
Executive Secretary



GARY R. HERBERT
Governor

GREGORY S. BELL
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

March 14, 2011

Via email: legals@ubstandard.com

Uintah Basin Standard
268 S 200 E
Roosevelt UT 84066

Subject: Notice of Agency Action – Cause No. UIC-373.1

To Whom It May Concern:

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please notify me via e-mail of the date it will be published. My e-mail address is: jsweet@utah.gov. Please send proof of publication and billing to:

Division of Oil, Gas and Mining
PO Box 145801
Salt Lake City, UT 84114-5801

Sincerely,

Jean Sweet
Executive Secretary

Enclosure



Jean Sweet - Re: Notice of Agency Action – Cause No. UIC-373.1

From: Cindy Kleinfelter <classifieds@ubstandard.com>
To: Jean Sweet <jsweet@utah.gov>
Date: 3/17/2011 3:36 PM
Subject: Re: Notice of Agency Action – Cause No. UIC-373.1

On 3/14/2011 10:02 AM, Jean Sweet wrote:

To Whom It May Concern:

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please notify me via e-mail of the date it will be published. My e-mail address is: jsweet@utah.gov. Please send proof of publication and billing to:

Division of Oil, Gas and Mining
PO Box 145801
Salt Lake City, UT 84114-5801

Sincerely,

Jean Sweet, Executive Secretary
Utah Div. of Oil, Gas & Mining
1594 West Temple, Suite 1210
Salt Lake City, UT
801-538-5329
jsweet@utah.gov

This will be published March 22, 2011.
Thank you.
Cindy



GARY R. HERBERT
Governor

GREGORY S. BELL
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

March 14, 2011

Via email: naclegal@mediaoneutah.com

The Salt Lake Tribune
PO Box 45838
Salt Lake City, UT 84145

Subject: Notice of Agency Action – Devon Energy Production Co., L. P. Cause No. UIC-373.1

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Division of Oil, Gas and Mining
Suite 1210
PO Box 145801
Salt Lake City, UT 84114-5801

Sincerely,

Jean Sweet
Executive Secretary

Enclosure



Mark Reinbold - Virgil Mecham SWD application

From: "Jantz, Tom" <Tom.Jantz@dvn.com>
To: "markreinbold@utah.gov" <markreinbold@utah.gov>
Date: 3/9/2011 7:49 AM
Subject: Virgil Mecham SWD application
CC: "Riechers, Patti" <Patti.Riechers@dvn.com>

As per our conversation on 3/8/11, in order to better isolate the injection interval, Devon proposes to lower the top of the injection interval to 9220'. In order to accomplish this, the current perforations from 9023' to 9190' will be squeezed off and tested.

Please advise if this is satisfactory and if there is anything else you need to complete the application.

Thanks,

Tom Jantz

Senior Advisor, Operations Engineering
Western Division
Office Phone 405-552-7825
Cell Phone 405-323-4619
E-mail tom.jantz@dvn.com

Confidentiality Warning: This message and any attachments are intended only for the use of the intended recipient(s), are confidential, and may be privileged. If you are not the intended recipient, you are hereby notified that any review, retransmission, conversion to hard copy, copying, circulation or other use of all or any portion of this message and any attachments is strictly prohibited. If you are not the intended recipient, please notify the sender immediately by return e-mail, and delete this message and any attachments from your system.

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

UIC FORM 1

APPLICATION FOR INJECTION WELL

Name of Operator Devon Energy Production Co., L.P.	Utah Account Number N 1275	Well Name and Number Virgil Mecham 1-11A2
Address of Operator 20 N. Broadway CITY Oklahoma City STATE OK ZIP 73102	Phone Number 405-228-4248	API Number 4301330009
Location of Well Footage : 1320' FNL & 1445' FEL County : Duchesne QQ, Section, Township, Range: SWNE 11 1S 2W State : UTAH		Field or Unit Name Bluebell Lease Designation and Number fee

Is this application for expansion of an existing project? Yes ☒ No ☐

Will the proposed well be used for:	Enhanced Recovery?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
	Disposal?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
	Storage?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>

Is this application for a new well to be drilled? Yes ☐ No ☒

If this application is for an existing well, has a casing test been performed? Yes ☐ No ☒
Date of test: _____

Proposed injection interval: from 9,023 to 9,732

Proposed maximum injection: rate 2000 bpd pressure _____ psig To be determined by injection test, procedure step 13.

Proposed injection zone contains oil ☐, gas ☐, and / or fresh water ☐ within 1/2 mile of the well. ☒ Expect brackish water, to be confirmed by swab test, procedure step 10.

List of attachments: Wellbore schematic, well history, conversion procedure, well location plat, logs, list of operators and surface owner within 0.5 miles. Reference log is SLB's RST Advisor dated 4/16/2008.

ATTACH ADDITIONAL INFORMATION AS REQUIRED BY CURRENT
UTAH OIL AND GAS CONSERVATION GENERAL RULES

I hereby certify that this report is true and complete to the best of my knowledge.

Name (Please Print) Patti Riechers

Title Sr. Staff Operations Technician

Signature *Patti Riechers*

Date 3/4/2011

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MAR 07 2011

Application for Injection Well – Virgil Meacham 1-11A2

Additional Information:

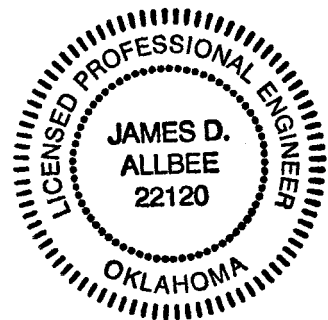
Type of fluid to be used for injection: It will be produced water from Bluebell Field wells. Estimated amounts of water to be injected will be 2000 BWPD or injection capacity. The compatibility of the samples of brine with the formation water in the well will be tested on completion. Samples of formation water and a compatibility test will be supplied during conversion procedure.

Review of Mechanical Condition of each well within a one-half mile radius of Virgil
Mecham 1-11A2

1. Duncan 4-12 A2
Section 12
Status: P&A 9/26/2004

Surface Csg: 9-5/8" casing set @ 3448', cemented with 1605 sacks of cement.
Production Csg: 5-1/2" casing set @ 8660', cemented with 1360 sacks of cement.
Estimated TOC is 2904' (TOC – CBL is 2900').

Plugs: CIBP @ 6546' (spot 25 sks of cement on top of CIBP), cement plug @
3294', @ 2676', and 100' to surface.
Pulled 2838' of 5-1/2" casing.



R 2 W

devon

Devon Energy Production Company, L.P.
58.160130% WI

CHASEL MILLER 1-1A2



BLANCHARD 1-3A2

DUNCAN 4-2A2

FAY MECHAM FEE 1 (4-2C)

CLYDE MURRAY 1-2A2

DUNCAN 3-1A2 K

DUNCAN 4-1A2

1-3A2

El Paso E&P Company, L.P.
100.00% WI
Unleased
18.75% WI

SWD 4-11A2

BAUMAN STATE 1-10
STATE 1-10A2 (3-10C)

OLSEN U 1-12A2

VIRGIL MECHAM 1-11A2

DUNCAN 4-12A2

L BOREN U 2-11A2

KENDALL 1-12A2

BOREN 3-11A2

Devon Energy Production Company, L.P.
99.3625% WI

SUNDANCE 3-14A2

CORNABY 2-14A2

POWELL 4-13A2
POWELL 4-13A2
E-13-15-2W

DUNCAN 5-13A2

13

NELSON 5-13A2

JAMES POWELL 3

Surface Owners

Tracts

- | | |
|---|---|
| 1. McNeil Duncan
El Paso E&P Company | 7. Toby Ross & Jo Duthie
Guardian State Bank |
| 2. Rodney & Lory Olsen | 8. UTE Indian Tribe |
| 3. Ben & Robin Mecham | 9. Ronald Duncan Family Trust |
| 4. Larry & Cheryl Murray | 10. Gary F. Sprouse |
| 5. Ben & Robin Mecham | |
| 6. Jesse D. & Tasha Whiting | |

Proposed Injection Well Site

Virgil Mecham 1-11A2

Section 11, T 1 S - R 2 W

Duchesne County, UTAH

- Abandoned
- Producing Gas
- Producing Oil
- Water Disposal Well
- Shut-in Oil Well

1:18,000

RECEIVED

MAR 07 2011

DIV. OF OIL, GAS & MINING

Prepared By: dobbsn
 Date: February 14, 2011
 File: dobbsn\UT\Utah\Proposed_Inject_Well_Virgil_Mecham_1_11A2.mxd

Notice List
Application for Injection Well
Virgil Mecham 1-11A2
Sections 1, 11 & 12-T1S-R2W
Duchesne Co., Utah

Clair J. Duncan
Rt. 1, Box 2059
Roosevelt, UT 84066

Mae Clara Phillips, Davin Bailey & Durrin Bailey
4808 (B) Harvard
Midland, Texas 79703

Lila Nelson, aka Lila Larsen
4835 South 850 East
Ogden, UT 84402

La Rae Poe
68645 Canal Lane
Boardman, OR 97818

Duane L. Phillips
25398 W. Marana Drive
Casa Grande, AZ 85222

C. Joy Reist, aka Joy C. Reist
2352 Saint Francis Drive
Palo Alto, CA 94303-3135

Betty Smith
8708 Nash Drive
Pasco, Washington 99301
and
Betty Smith
66 15th Street
Pomeroy, Washington 99301

Timothy E. Townsend
240 The Village #201
Redondo Beach, California 90277

Harry Carleson, aka Harry Carleson, Jr.
6545 Canyon Ranch Road
Salt Lake City, UT 84121-6367

Kera K. Proffitt
2700 F Street
Sacramento, CA 95816

Mark C. Miller
3113 Carrigan Canyon Drive
Salt Lake City, UT 84109

Carlyn Mitas
33500 SE Stevens Road
Corbett, OR 97019

Rod D. Olsen, Jr. & Kelly R. Olsen
RR 1, Box 2359
Roosevelt, UT 84066-9724

McNeil Duncan, Sr.
RR 1, Box 1357
Roosevelt, UT 84066-9714

Ben Mecham and Robin Mecham
RR 1, Box 1358
Roosevelt, UT 84066-9724

Ronald Duncan and Mary Duncan
Trustees of the Ronald Duncan Family Trust
RR 1, Box 1180
Roosevelt, UT 84066

Jesse D. and Tasha Whiting
9628 N. 3000 West
Roosevelt, Utah 84066-0000

Rodney D. Olsen and Lory N. Olsen
RR 1, Box 1183
Roosevelt, UT 84066-9714

Larry Clyde Murray & Cheryl Jan Murray
637 South 100 East, #13-1
Roosevelt, UT 84066-9724

Toby Ross and Jo Duthie
3880 Fowler Road
West Sacramento, CA 95691-5491

Mike & Shelley Enterprises
1638 E. Gordon Avenue
Layton, UT 84040-2918

Guardian State Bank
c/o Dean E. Jackson
1620 Cobblestone Village
Sandy, UT 84092-4735

El Paso Exploration & Production Co., L.P.
1099 18th Street, Suite 1900
Denver, CO 80202

Ute Indian Tribe
PO Box 70
Fort Duchesne, UT 84026

Ute Distribution Corporation
PO Box 696
Roosevelt, UT 84066

Bureau of Indian Affairs
Uintah and Ouray Agency
988 South 7500 East
Fort Duchesne, UT 84026

Gary F. Sprouse
c/o MPO Blue Diamond Oil
PO Box 150432
Ely, Nevada 89315-0432

STATE OF OKLAHOMA

COUNTY OF OKLAHOMA

AFFIDAVIT OF MAILING

Patti Riechers, of lawful age, after having first duly sworn upon her oath, disposes and states:

That she is employed by Devon Energy Production Company, L. P. as Senior Staff Operations Technician.

That notification of the application to convert the existing Virgil Mecham 1-11A2 to a SWD Injection Well to inject salt water was made by mailing each Operator, Surface Owner and Owner located within one-half (1/2) mile radius of the Virgil Mecham 1-11A2 located SW NE, Section 11, T1S – R2W in Duchesne County, Utah, a copy of the application by postage prepaid, reference Location Plats and UIC FORM 1 were attached to this letter and sent to these parties, by duly depositing same in the United States mail on the 4th day of March, 2011. The Mineral Owner was sent the same on the 4th day of March, 2011.


Patti Riechers

Subscribed and sworn before me, the undersigned
Authority, this 4th day of March, 2011.


Notary Public

Notary Seal:



My Commission Expires

3/22/2014

State of Utah - Division of OGM
1594 West North Temple
Suite 1210 Box 145801
SLC, UT 84114-5801

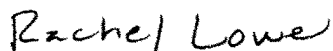
Devon Energy Production Co., LP
333 W Sheridan Ave.
Oklahoma City, OK 73102-8260

Monthly Injection Report for September 2013

Well No.	Sep-13	Hrs On	Volume Injected BBL	Max. PSI	Avg. PSI	TBG/CSG Annul PSI	DN Hrs
SWD 1-11A2	1	10	348	1525	1525	0	14
SWD 1-11A2	2	0	0	1286	1286	0	24
SWD 1-11A2	3	0	0	1286	1286	0	24
SWD 1-11A2	4	0	0	1286	1286	0	24
SWD 1-11A2	5	0	0	1289	1289	0	24
SWD 1-11A2	6	0	0	1288	1288	0	24
SWD 1-11A2	7	0	0	1284	1284	0	24
SWD 1-11A2	8	0	0	1277	1277	0	24
SWD 1-11A2	9	0	489	1616	1616	0	24
SWD 1-11A2	10	8	314	1575	1575	0	16
SWD 1-11A2	11	0	0	1281	1281	0	24
SWD 1-11A2	12	0	280	1288	1288	0	24
SWD 1-11A2	13	12	575	1311	1311	0	12
SWD 1-11A2	14	12	877	1650	1650	0	12
SWD 1-11A2	15	12	670	1309	1309	0	12
SWD 1-11A2	16	6	154	1297	1297	0	18
SWD 1-11A2	17	8	340	1593	1593	0	16
SWD 1-11A2	18	9	444	1610	1610	0	15
SWD 1-11A2	19	9	390	1593	1593	0	15
SWD 1-11A2	20	24	1010	1552	1552	0	0
SWD 1-11A2	21	12	760	1293	1293	0	12
SWD 1-11A2	22	12	742	1640	1640	0	12
SWD 1-11A2	23	18	943	1650	1650	0	6
SWD 1-11A2	24	16	873	1277	1277	0	8
SWD 1-11A2	25	18	1193	1650	1650	0	6
SWD 1-11A2	26	22	1573	1650	1650	0	2
SWD 1-11A2	27	24	1517	1650	1650	0	0
SWD 1-11A2	28	24	1588	1650	1650	0	0
SWD 1-11A2	29	18	1212	1650	1650	0	6
SWD 1-11A2	30	18	1067	1650	1650	0	6
Total/Avg		292	17359				428
Cumulative			48,015				

API NO. 43-013-30009-00. I certify the foregoing is true and correct to the best of my knowledge.

Signed  Date 4/2/2014
Joyce Taylor



Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET (for state use only)

ROUTING
CDW

X - Change of Operator (Well Sold)

Operator Name Change/Merger

The operator of the well(s) listed below has changed, effective:

8/29/2014

FROM: (Old Operator):

DEVON ENERGY PRODUCTION COMPANY L.P. N1275
 333 WEST SHERIDAN AVENUE
 OKLAHOMA CITY OK 73102-5015

TO: (New Operator):

LINN OPERATING INC N4115
 1999 BROADWAY STE 3700
 DENVER CO 80202

303-999-4275

CA No.				Unit:	N/A			
WELL NAME	SEC TWN RNG			API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
See Attached List								

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 9/16/2014
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 9/16/2014
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 10/8/2014
- a. Is the new operator registered in the State of Utah: Business Number: 9031632-0143
- a. (R649-9-2) Waste Management Plan has been received on: Yes
- b. Inspections of LA PA state/fee well sites complete on: N/A
- c. Reports current for Production/Disposition & Sundries on: 10/8/2014
- Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM NOT YET BIA NOT YET
- Federal and Indian Units:**
The BLM or BIA has approved the successor of unit operator for wells listed on: N/A
- Federal and Indian Communization Agreements ("CA"):**
The BLM or BIA has approved the operator for all wells listed within a CA on: N/A
- Underground Injection Control ("UIC")** Division has approved UIC Form 5 Transfer of Authority to **Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: 9/24/2014

DATA ENTRY:

- Changes entered in the **Oil and Gas Database** on: 10/8/2014
- Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 10/8/2014
- Bond information entered in RBDMS on: 10/8/2014
- Fee/State wells attached to bond in RBDMS on: 10/8/2014
- Injection Projects to new operator in RBDMS on: N/A
- Receipt of Acceptance of Drilling Procedures for APD/New on: 10/8/2014
- Surface Agreement Sundry from **NEW** operator on Fee Surface wells received on: 9/16/2014

BOND VERIFICATION:

- Federal well(s) covered by Bond Number: NMB000501
- Indian well(s) covered by Bond Number: NMB000501
- a. (R649-3-1) The **NEW** operator of any state/fee well(s) listed covered by Bond Number LPM9149893
- b. The **FORMER** operator has requested a release of liability from their bond on: N/A

LEASE INTEREST OWNER NOTIFICATION:

- (R649-2-10) The **NEW** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: 10/8/2014

COMMENTS:

Devon Energy Production Company, L.P. N1275 to Linn Operating, Inc N4115
Effective 8/29/2014

Well Name	Section	Township	Range AP	API Number	Entity	Mineral Lease	Well Type	Well Status
SWD 4-11A2	11	010S	020W	4301320255	99990	Fee	WD	A
VIRGIL MECHAM 1-11A2	11	010S	020W	4301330009	5760	Fee	WD	A
1-3A2	3	010S	020W	4301330021	99990	Fee	WD	A
BLUEBELL 2-28A2	28	010S	020W	4301330346	99990	Fee	WD	A
SALERATUS 2-17C5	17	030S	050W	4301330388	99990	Fee	WD	A
CENTRAL BLUEBELL 2-26A2	26	010S	020W	4301330389	99990	Fee	WD	A
BALLARD 2-15B1	15	020S	010W	4304732351	11476	Fee	WD	A
GALLOWAY #3-14B2	14	020S	020W	4301351741		Fee	OW	APD
GALLOWAY #3-12B2	12	020S	020W	4301351742		Fee	OW	APD
GALLOWAY 4-14B2	14	020S	020W	4301351818		Fee	OW	APD
MORRIS #3-8B1	8	020S	010W	4301351836		State	OW	APD
FRITZ #3-24A2	24	010S	020W	4301351837		Fee	OW	APD
GALLOWAY #2-14B2	14	020S	020W	4301351739	19044	Fee	OW	DRL
EMERALD 2-32A1	32	010S	010W	4301350059	17980	Fee	OW	OPS
CLYDE MURRAY 1-2A2	2	010S	020W	4301330005	5876	Fee	OW	P
VICTOR C BROWN 1-4A2	4	010S	020W	4301330011	5780	Fee	OW	P
DOUG BROWN 2-4A2	4	010S	020W	4301330017	5840	Fee	OW	P
L BOREN U 3-15A2	15	010S	020W	4301330086	5755	Fee	OW	P
LAMICQ-URTY U 3-17A2	17	010S	020W	4301330099	5745	Fee	OW	P
L BOREN U 5-22A2	22	010S	020W	4301330107	5900	Fee	OW	P
L BOREN U 4-23A2	23	010S	020W	4301330115	5905	Fee	OW	P
TOMLINSON FED 1-25A2	25	010S	020W	4301330120	5535	Federal	OW	P
WOODWARD 1-21A2	21	010S	020W	4301330130	5665	Fee	OW	P
LAMICQ 1-20A2	20	010S	020W	4301330133	5400	Fee	GW	P
L RBRTSN ST 1-1B2	1	020S	020W	4301330200	5410	State	OW	P
SMITH ALBERT 1-8C5	8	030S	050W	4301330245	5490	Fee	OW	P
FRESTON ST 1-8B1	8	020S	010W	4301330294	5345	Fee	OW	P
GEORGE MURRAY 1-16B1	16	020S	010W	4301330297	5950	Fee	OW	P
LAMICQ-URTY U 4-5A2	5	010S	020W	4301330347	5845	Fee	OW	P
H G COLTHARP 1-15B1	15	020S	010W	4301330359	5945	Fee	OW	P
STATE 3-18A1	18	010S	010W	4301330369	5810	Fee	OW	P
LAMICQ 2-6B1	6	020S	010W	4301330809	2301	Fee	OW	P
DILLMAN 2-28A2	28	010S	020W	4301330821	5666	Fee	OW	P
HAMBLIN 2-26-A2	26	010S	020W	4301330903	5361	Fee	OW	P
JOHN 2-3-B2	3	020S	020W	4301330975	5387	Fee	OW	P
LAMICQ-ROBERTSON ST 2-1B2	1	020S	020W	4301330995	5412	Fee	OW	P
UTE TRIBAL 2-7A2	7	010S	020W	4301331009	5836	Indian	OW	P
HATCH 2-3B1	3	020S	010W	4301331147	10615	Fee	OW	P
NORLING 2-9B1	9	020S	010W	4301331151	10616	Fee	OW	P
SHAW 2-27A2	27	010S	020W	4301331184	10753	Fee	OW	P
LAMICQ-URRITY 4-17A2	17	010S	020W	4301331190	10764	Fee	OW	P
LAMICQ 2-20A2	20	010S	020W	4301331191	10794	Fee	OW	P
FRESTON 2-8B1	8	020S	010W	4301331203	10851	Fee	OW	P
WISSE 3-35A2	35	010S	020W	4301331215	10925	Fee	OW	P
MECCA 2-8A2	8	010S	020W	4301331231	10981	Fee	OW	P
SWYKES 2-21A2	21	010S	020W	4301331235	10998	Fee	OW	P
SHERMAN 2-12B2	12	020S	020W	4301331238	11009	Fee	OW	P
DUNCAN 4-2A2	2	010S	020W	4301331276	11258	Fee	GW	P
HAMBLIN 3-9A2	9	010S	020W	4301331278	11094	Fee	GW	P
BAR-F 2-5B1	5	020S	010W	4301331286	11113	Fee	OW	P
SMITH 2-9C5	9	030S	050W	4301331321	11245	Fee	OW	P
LORANGER 2-24A2	24	010S	020W	4301331322	11244	Fee	OW	P
UTE 2-6B3	6	020S	030W	4301331325	11446	Indian	OW	P
MCELPRANG 2-30A1	30	010S	010W	4301331326	11252	Fee	OW	P

Devon Energy Production Company, L.P. N1275 to Linn Operating, Inc N4115
Effective 8/29/2014

Well Name	Section	Township	Range AP	API Number	Entity	Mineral Lease	Well Type	Well Status
SMITH 2-7C5	7	030S	050W	4301331327	11324	Indian	OW	P
SMITH 2-18C5	18	030S	050W	4301331328	11336	Indian	OW	P
UTE 2-24A3	24	010S	030W	4301331329	11339	Indian	OW	P
UTE 5-19A2	19	010S	020W	4301331330	11277	Indian	OW	P
EDWARDS 3-10B1	10	020S	010W	4301331332	11264	Fee	OW	P
SUNDANCE 4-15A2	15	010S	020W	4301331333	11269	Fee	OW	P
LORANGER 6-22A2	22	010S	020W	4301331334	11335	Fee	OW	P
COX 2-36A2	36	010S	020W	4301331335	11330	Fee	OW	P
SMITH 2-6C5	6	030S	050W	4301331338	11367	Indian	OW	P
FRESTON 2-7B1	7	020S	010W	4301331341	11338	Fee	OW	P
PEARSON 2-11B2	11	020S	020W	4301331356	11359	Fee	OW	P
CHAPMAN 2-4B2	4	020S	020W	4301331378	11485	Fee	OW	P
LAMB 2-16A2	16	010S	020W	4301331390	11487	Fee	OW	P
LABRUM 2-23A2	23	010S	020W	4301331393	11514	Fee	OW	P
POWELL 2-16B1	16	020S	010W	4301331820	12342	Fee	OW	P
BOWMAN 5-5A2	5	010S	020W	4301332202	13043	Fee	OW	P
BOREN 4-9A2	9	010S	020W	4301332203	13079	Fee	OW	P
BLANCHARD 3-10A2	10	010S	020W	4301332223	13149	Fee	OW	P
SQUIRES 3-8A2	8	010S	020W	4301332227	13176	Fee	OW	P
BROWN 3-4A2	4	010S	020W	4301332684	14673	Fee	OW	P
GALLOWAY 3-11B2	11	020S	020W	4301334304	18527	Fee	OW	P
OWL AND THE HAWK 3-9C5	9	030S	050W	4301351214	18649	Fee	OW	P
Bingham #3-4B1	4	020S	010W	4301351464	18825	Fee	OW	P
RED MOUNTAIN 3-5B1	5	020S	010W	4301351632	18954	Fee	OW	P
MECHAM #3-1B2	1	020S	020W	4301351844	19082	State	OW	P
MIKE AND SHELLEY #3-4B2	4	020S	020W	4301351845	19083	Fee	OW	P
RBRTSN UTE ST 1-12B1	12	020S	010W	4304730164	5475	Fee	OW	P
MAY UTE FED 1-13B1	13	020S	010W	4304730176	5435	Fee	OW	P
COOK 1-26B1	26	020S	010W	4304731981	11212	Fee	OW	P
CHRISTIANSEN 2-12B1	12	020S	010W	4304732178	11350	Fee	OW	P
RICH 2-13B1	13	020S	010W	4304732744	12046	Fee	OW	P
THOMAS 4-10B1	10	020S	010W	4304734080	13284	Fee	OW	P
HAMAKER 3-12B1	12	020S	010W	4304752294	18650	Fee	OW	P
BETTS 2-26B1	26	020S	010W	4304752435	18698	Fee	OW	P
STATE 1-10A2 (3-10C)	10	010S	020W	4301330006	5860	State	GW	S
L BOREN U 6-16A2	16	010S	020W	4301330123	5750	Fee	OW	S
UTE TRIBAL 1-6B3	6	020S	030W	4301330136	5705	Indian	OW	S
MAUREL TAYLOR FEE 1-36A2	36	010S	020W	4301330143	5525	Fee	OW	S
CAMPBELL UTE ST 1-7B1	7	020S	010W	4301330236	5295	Indian	OW	S
D L GALLOWAY 1-14B2	14	020S	020W	4301330564	5965	Fee	OW	S
MARK 2-25A2	25	010S	020W	4301331232	10986	Fee	OW	S
MITCHELL 2-4B1	4	020S	010W	4301331317	11231	Fee	OW	S

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL ☐ GAS WELL ☐ OTHER See Attached Well List

2. NAME OF OPERATOR:
LINN OPERATING, INC N4115

3. ADDRESS OF OPERATOR: 1999 Broadway, Suite 3700 CITY Denver STATE CO ZIP 80202 PHONE NUMBER: (303) 999-4275

4. LOCATION OF WELL

FOOTAGES AT SURFACE:

COUNTY: Duchesne/Uintah

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:

STATE:

UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: CHANGE OF OPERATOR
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Effective 08/29/2014, Change of Operator from Devon Energy Production Company, LP, to Linn Operating, Inc. is responsible under the terms and conditions of the leases for operations conducted on the leased lands or a portion thereof under their blanket state bond number LPM9149893.

Attached is a list of wells that are associated with this Change of Operator.

Devon Energy Production Company, LP N1275
333 West Sheridan Avenue
Oklahoma City, OK 73102-5015

John D. Rains
Vice President

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DIV. OF OIL, GAS & MINING

NAME (PLEASE PRINT) Russell des Cognets II

TITLE Asset Manager

SIGNATURE

DATE

9/8/14

(This space for State use only)

APPROVED

OCT 08 2014

DIV. OIL GAS & MINING

(See Instructions on Reverse Side)

(5/2000)

BY: Racheel Medina

Devon Energy Production Company, LP
Existing Well List for State/Fee/Indian Leases

Well Name	API #	Legal Location	Producing Status	Well Type	Lease Type	Field	State	County
BAR F 2-5B1	430133128600	005-002S-001W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
BINGHAM 3-4B1	430135146400	004-002S-001W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
BLANCHARD 3-10A2	430133222300	010-001S-002W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
*BOREN 1-14A2	430133003500	014-001S-002W	Shut-In	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
BOREN 3-11A2	430133119200	011-001S-002W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
BOREN 3-15A2	430133008600	015-001S-002W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
BOREN 4-23A2	430133011500	023-001S-002W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
BOREN 4-9A2	430133220300	009-001S-002W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
BOREN 5-22A2	430133010700	022-001S-002W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
BOREN 6-16A2	430133012300	016-001S-002W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
BOWMAN 5-5A2	430133220200	005-001S-002W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
BROWN DOUG 2-4A2	430133001700	004-001S-002W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
BROWN VICTOR C 1-4A2	430133001100	004-001S-002W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
BROWN 3-4A2	430133268400	004-001S-002W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
CAMPBELL UTE ST 1-7B1	430133023600	007-002S-001W	Shut-In	OIL	INDIAN	BLUEBELL ALTAMONT	UT	DUCHESNE
CHAPMAN 2-4B2	430133137800	004-002S-002W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
CLYDE MURRAY 1-2A2	430133000500	002-001S-002W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
COLTHARP 1-15B1	430133035900	015-002S-001W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
CORNABY 2-14A2 (RECOMP)	430133129900	014-001S-002W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
COX 2-36A2	430133133500	036-001S-002W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
DILLMAN 2-28A2	430133082100	028-001S-002W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
DUNCAN 4-2A2	430133127600	002-001S-002W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
EDWARDS 3-10B1	430133133200	010-002S-001W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
FRESTON STATE 1-8B1	430133029400	008-002S-001W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
FRESTON 2-7B1	430133134100	007-002S-001W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
FRESTON 2-8B1	430133120300	008-002S-001W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
GALLOWAY 1-14B2	430133056400	014-002S-002W	Shut-In	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
GALLOWAY 3-11B2	430133430400	011-002S-002W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
HAMBLIN 2-26A2	430133090300	026-001S-002W	Shut-In	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
HAMBLIN 3-9A2	430133127800	009-001S-002W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
HATCH 2-3B1	430133114700	003-002S-001W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
JOHN 2-3B2	430133097500	003-002S-002W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
LABRUM 2-23A2	430133139300	023-001S-002W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
LAMB 2 16A2	430133139000	016-001S-002W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
LAMICQ ROBERTSON 1-1B2	430133020000	001-002S-002W	Producing	OIL	STATE	BLUEBELL ALTAMONT	UT	DUCHESNE

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LAMICQ ROBERTSON 2-1B2	430133099500	001-002S-002W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
LAMICQ URRUTY 3-17A2	430133009900	017-001S-002W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
LAMICQ URRUTY 4-17A2	430133119000	017-001S-002W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
LAMICQ URRUTY 4-5A2	430133034700	005-001S-002W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
LAMICQ 1-20A2	430133013300	020-001S-002W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
LAMICQ 2-20A2	430133119100	020-001S-002W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
LAMICQ 2-6B1	430133080900	006-002S-001W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
LORANGER 2-24A2	430133132200	024-001S-002W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
LORANGER 6-22A2	430133133400	022-001S-002W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
MARK 2 25A2	430133123200	025-001S-002W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
MCCELPRANG 2-30A1	430133132600	030-001S-001W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
MECCA 2-8A2	430133123100	008-001S-002W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
MECHAM VIRGIL B 1-11A2 SWD	430133000900	011-001S-002W	Injecting	SWD	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
MECHAM 3-1B2	430135184400	1-2S-2W	Producing	OIL	STATE	BLUEBELL ALTAMONT	UT	DUCHESNE
MIKE AND SHELLEY 3-4B2	430135184500	4-2S-2W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
MITCHELL 2-4B1	430133131700	004-002S-001W	Shut-In	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
MURRAY GEORGE 1-16B1	430133029700	016-002S-001W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
NORLING 2-9B1	430133115100	009-002S-001W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
OWL AND THE HAWK 3-9C5	430135121400	9-003S-005W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
PEARSON 2-11B2	430133135600	011-002S-002W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
POWELL 2 16B1	430133182000	016-002S-001W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
RED MOUNTAIN 3-5B1	430135163200	05-2S-1W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
SHAW 2-27A2	430133118400	027-001S-002W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
SHERMAN 2-12B2	430133123800	012-002S-002W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
SMITH ALBERT 1-8C5	430133024500	008-003S-005W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
SMITH 2-18C5	430133132800	018-003S-005W	Producing	OIL	INDIAN	BLUEBELL ALTAMONT	UT	DUCHESNE
SMITH 2-6C5	430133133800	006-003S-005W	Producing	OIL	INDIAN	BLUEBELL ALTAMONT	UT	DUCHESNE
SMITH 2-7C5	430133132700	007-003S-005W	Producing	OIL	INDIAN	BLUEBELL ALTAMONT	UT	DUCHESNE
SMITH 2-9C5	430133132100	009-003S-005W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
SQUIRES 3-8A2	430133222700	008-001S-002W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
STATE 1-10A2	430133000600	010-001S-002W	Producing	OIL	STATE	BLUEBELL ALTAMONT	UT	DUCHESNE
STATE 3-18A1	430133036900	018-001S-001W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
SUNDANCE 4 15A2 (BOREN)	430133133300	015-001S-002W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
SWD ANDERSON 2-28A2	430133034600	028-001S-002W	Injecting	SWD	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
SWD HAMBLIN 2-26A2	430133038900	026-001S-002W	Injecting	SWD	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
SWD SALERATUS 2-17C5	430133038800	017-003S-005W	Injecting	SWD	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
SWD 1-3A2	430133002100	003-001S-002W	Injecting	SWD	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
SWD 4-11A2	430132025500	011-001S-002W	Injecting	SWD	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE

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SWYKES 2 21A2	430133123500	021-001S-002W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
TAYLOR MAUREL FEE 1-36A2	430133014300	036-001S-002W	Shut-In	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
TOMLINSON 1 25A2	430133012000	025-001S-002W	Producing	OIL	INDIAN	BLUEBELL ALTAMONT	UT	DUCHESNE
UTE TRIBAL 2-7A2	430133100900	007-001S-002W	Producing	OIL	INDIAN	BLUEBELL ALTAMONT	UT	DUCHESNE
UTE TRIBAL 5-19A2	430133133000	019-001S-002W	Producing	OIL	INDIAN	BLUEBELL ALTAMONT	UT	DUCHESNE
UTE 1-6B3	430133013600	006-002S-003W	Shut-In	OIL	INDIAN	BLUEBELL ALTAMONT	UT	DUCHESNE
UTE 2-24A3	430133132900	024-001S-003W	Producing	OIL	INDIAN	BLUEBELL ALTAMONT	UT	DUCHESNE
UTE 2-6B3	430133132500	006-002S-003W	Producing	OIL	INDIAN	BLUEBELL ALTAMONT	UT	DUCHESNE
WISSE 3-35A2	430133121500	035-001S-002W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
WOODWARD 1-21A2	430133013000	021-001S-002W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
BALLARD 2-15B1 SWD	430473235100	015-002S-001W	Injecting	SWD	FEE	BLUEBELL ALTAMONT	UT	UINTAH
BETTS 2-26B1	430475243500	26-2S-1W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	UINTAH
CHRISTENSEN 2-12B1	430473217800	012-002S-001W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	UINTAH
COOK 1-26B1	430473198100	026-002S-001W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	UINTAH
HAMAKER 3-12B1	430475229400	12-2S-1W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	UINTAH
MAY UTE FED 1-13B1	430473017600	013-002S-001W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	UINTAH
RICH 2-13B1	430473274400	013-002S-001W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	UINTAH
ROBERTSON UTE STATE 1-12B1	430473016400	012-002S-001W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	UINTAH
THOMAS 4-10B1	430473408000	010-002S-001W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	UINTAH

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DIV. OF OIL, GAS & MINING

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <u>See Attached Well List</u>		5. LEASE DESIGNATION AND SERIAL NUMBER: <u>See Attached Well List</u>
2. NAME OF OPERATOR: LINN OPERATING, INC		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: 1999 Broadway, Suite 3700 CITY Denver STATE CO ZIP 80202		7. UNIT or CA AGREEMENT NAME:
4. LOCATION OF WELL FOOTAGES AT SURFACE: COUNTY: Duchsene		8. WELL NAME and NUMBER: <u>See Attached Well List</u>
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: STATE: UTAH		9. API NUMBER:
		10. FIELD AND POOL, OR WILDCAT: Bluebell/Altamont

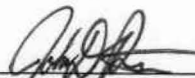
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: <u>CHANGE OF OPERATOR</u>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Effective 08/29/2014, Change of Operator from Devon Energy Production Company, LP, to Linn Operating, Inc. is responsible under the terms and conditions of the leases for operations conducted on the leased lands or a portion thereof under their blanket state bond number LPM9149893.

Attached is a list of Applications for Permit to Drill (APD) that are associated with this Change of Operator.

Devon Energy Production Company, LP
333 West Sheridan Avenue
Oklahoma City, OK 73102-5015


John D. Raines
Vice President

NAME (PLEASE PRINT) <u>Russell des Cognets II</u>	TITLE <u>Asset Manager</u>
SIGNATURE 	DATE <u>9/16/14</u>

(This space for State use only)

APPROVED

OCT 08 2014

(5/2000)

DIV. OIL GAS & MINING

(See Instructions on Reverse Side)

BY: Rachael Medina

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DIV. OF OIL, GAS & MINING

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

5. LEASE DESIGNATION AND SERIAL NUMBER:

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:

8. WELL NAME and NUMBER:

Misc.

9. API NUMBER:

10. FIELD AND POOL, OR WILDCAT:

Bluebell

1. TYPE OF WELL OIL WELL ☒ GAS WELL ☐ OTHER _____

2. NAME OF OPERATOR:
LINN OPERATING, INC.

3. ADDRESS OF OPERATOR: 1999 Broadway, Ste #3700 CITY Denver STATE CO ZIP 80202 PHONE NUMBER: (303) 999-4016

4. LOCATION OF WELL

FOOTAGES AT SURFACE:

COUNTY: UINTAH

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: 14 1S 2W

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: <u>Excluded wells from</u>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	<u>Change of Operator</u>

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Do not process Change of Operator from Devon Energy Production Company, LP to LINN Operating, Inc. for the following wells.

43-013-31192	BOREN 3-11A2	Oil Well Producing BLUEBELL DUCHESNE 1S-2W Sec 11
43-013-51846	MIKE AND SHELLEY #4-14A2	Oil Well Approved permit (APD) BLUEBELL DUCHESNE 1S-2W Sec14
43-013-31299	CORNABY 2-14A2	Oil Well Producing BLUEBELL DUCHESNE 1S-2W Sec 14
43-013-30035	FLY/DIA L BOREN 1-14A2	Oil Well Shut-In BLUEBELL DUCHESNE 1S-2W Sec 14

The Devon transaction to Linn Energy allowed EP Energy to exercise their preferential right to purchase the leases and wells in Sections 11 and 14 of T1S, 2W so EP Energy now owns these wells.

NAME (PLEASE PRINT) Debbie Chan TITLE Reg. Compliance Supervisor
SIGNATURE [Signature] DATE 9/23/2014

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SEP 23 2014
Div. of Oil, Gas & Mining

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

UIC FORM 5

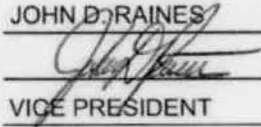
TRANSFER OF AUTHORITY TO INJECT

Well Name and Number VIRGIL MECHAM 1-11A2 SWD		API Number 4301330009
Location of Well Footage : 1320' FNL & 1445' FEL		Field or Unit Name BLUEBELL ALTAMONT
County : DUCHESNE	Lease Designation and Number FEE	
QQ, Section, Township, Range: SWNE 11 1S 2W	State : UTAH	

EFFECTIVE DATE OF TRANSFER: 8/29/2014

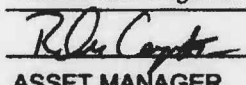
CURRENT OPERATOR

Company: DEVON ENERGY PRODUCTION CO., L.P.
Address: 333 WEST SHERIDAN AVENUE
city OKLAHOMA CITY state OK zip 73102-5015
Phone: (405) 228-4480
Comments:

Name: JOHN D. RAINES
Signature: 
Title: VICE PRESIDENT
Date:

NEW OPERATOR

Company: LINN OPERATING, INC.
Address: 1999 BROADWAY, SUITE 3700
city DENVER state CO zip 80202
Phone: (303) 999-4275
Comments:

Name: Russell des Cognets II
Signature: 
Title: ASSET MANAGER
Date: 9/15/14

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Transfer approved by:

Title:

Comments:

Approval Date:

9/24/14

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SEP 16 2014

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